

# Reference Material Catalog



## Reference Material catalog - Suisse Technology Partners Ltd.

Alloy Class	CRMs from page	SUS from page
1xxx Pure Aluminium	1	27
2xxx AlCu	5	27
3xxx AlMn	8	27
4xxx AlSi	10	27
5xxx AlMg	17	28
6xxx AlMgSi, AlSiMg	21	29
7xxx AlZn	23	29
other CRMs	26	

### Why you should choose Aluminium Reference Materials from Suisse TP

because quality matters!

#### well-established

As Europe's longest established and one of the world's first producers of aluminium reference materials, Suisse TP (former Alusuisse) can look back on a long tradition since 1964 of spectrochemical analysis of Aluminum and it's alloys.

#### competent

The NIST traceable analyses are based on latest or internationally accepted analytical procedures. All analyses are made in our ISO/IEC 17025 accredited, STS 0023 accredited laboratory.

#### high quality and homogeneity

High quality CRMs with very high homogeneity for highest reliability.

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1xxx Pure Aluminium

	112/03	113/03	114/03	11524	11525	116/01	116/02	116/04	117/03	117/04	122/08	122C/01
<b>Si</b> mass content [%]	0.00007	0.0012	0.0034	(0.05)	(0.05)	0.0095	0.0110	0.0111	0.0152	0.0152	0.0502	0.0585
<b>Fe</b> mass content [%]	0.00006	0.0054	0.0050	(0.1)	(0.1)	0.0080	0.0220	0.0105	0.0141	0.0141	0.0510	0.0981
<b>Cu</b> mass content [%]	<0.00004	0.00023	0.0018			0.0054	0.0058	0.0070	0.0023	0.0023	0.0199	0.0148
<b>Mn</b> mass content [%]	<0.00001	0.00010	0.0019			0.0050	0.0045	0.0051	0.0010	0.0010	0.0198	0.0104
<b>Mg</b> mass content [%]	0.00005	0.0008	0.0013			0.0080	0.0070	0.0050	0.0019	0.0019	0.0179	0.0042
<b>Cr</b> mass content [%]	<0.00001	<0.0001	0.0006			0.0045	0.0050	0.0051	0.0013	0.0013	0.0197	0.0027
<b>Ni</b> mass content [%]	<0.00001	0.00010	0.0009			0.0050	0.0048	0.0049	0.0013	0.0013	0.0200	0.0024
<b>Zn</b> mass content [%]	<0.00001	0.00025	<0.0002			0.0055	0.0065	0.0052	0.0011	0.0011	0.0202	0.0153
<b>Ti</b> mass content [%]	<0.00001	0.00011	(0.0004)			0.0037	0.0015	0.0020	0.0006	0.0006	0.0192	0.0038
<b>Ag</b> mass content [%]	<0.00001		<0.00005					0.0020	0.0005	0.0005	0.0188	
<b>As</b> mass content [%]	0.000010		<0.0001					0.0058	(<0.00005)	(<0.00005)	0.0057	
<b>B</b> mass content [%]	0.000010	0.0090	0.017	0.0004	0.0012			0.0004	0.0013	0.0013	<0.0002	
<b>Ba</b> mass content [%]	<0.00001		<0.0001			0.0009	<0.00005	<0.0001	0.00045	0.00045	0.0010	
<b>Be</b> mass content [%]	<0.00001	<0.00001	<0.00005			<0.0001	<0.0001	0.00028	0.00049	0.00049	0.00048	
<b>Bi</b> mass content [%]	<0.00001	0.00053	0.0011					0.0021	0.0026	0.0026	0.0094	
<b>Ca</b> mass content [%]	<0.00001	<0.0001	(0.0001)			0.0003 - 0.0004		(0.00007)	(0.0006)	(0.0006)	0.0007	
<b>Cd</b> mass content [%]	<0.00001	<0.00001	0.0031			<0.0002	<0.0002	0.0011	0.0003	0.0003	0.0049	0.00020
<b>Ce</b> mass content [%]	0.00005		<0.0001					0.0011	0.0003	0.0003	0.0141	
<b>Co</b> mass content [%]	<0.00001	0.00050	0.00104					0.0020	0.0014	0.0014	0.0149	0.0008
<b>Ga</b> mass content [%]	<0.00001	0.00007	0.0011			0.0001	0.0001	0.0048	0.0014	0.0014	0.0192	0.0009
<b>Hg</b> mass content [%]	<0.00001		<0.0001					0.0004	0.0002	0.0002	0.0076	
<b>In</b> mass content [%]	<0.00001		<0.0001					0.0049	0.0015	0.0015	0.0112	
<b>La</b> mass content [%]	0.000010		<0.0001					0.0033	0.0019	0.0019	0.0205	
<b>Li</b> mass content [%]	<0.00001	<0.00001	0.0002				<0.00005	0.00011	(0.0007)	0.00052	0.00083	
<b>Mo</b> mass content [%]	<0.00001		<0.0001					0.0076	0.0031	0.0031	0.0096	
<b>Na</b> mass content [%]	<0.00001	<0.00005	<0.0001			0.0011 - 0.0015	0.0002	<0.0001	(0.0006)	0.00041	0.0021	
<b>P</b> mass content [%]	<0.00012	0.0013	0.0004					0.0019	0.0006	0.0006	0.0041	
<b>Pb</b> mass content [%]	<0.00001	0.0007	0.0017			0.0012	0.0005	0.0029	0.0015	0.0015	0.0100	0.0146
<b>Sb</b> mass content [%]	0.00003	0.00065	0.0021			0.00005	0.00008	0.0035	0.0003	0.0003	0.0100	0.0032
<b>Sc</b> mass content [%]	<0.00001										0.0046	
<b>Se</b> mass content [%]	<0.00001		0.00011						(<0.0002)	(<0.0002)		
<b>Sn</b> mass content [%]	<0.00001	0.0006	0.0012			0.0020	0.0020	0.0031	0.0018	0.0018	0.0101	0.0147
<b>Sr</b> mass content [%]	<0.00001		<0.0001					0.00085	(0.0011)	0.00093	0.0011	
<b>Ta</b> mass content [%]			<0.0001								0.0008	
<b>Tl</b> mass content [%]	<0.00001		<0.0001								0.0130	
<b>V</b> mass content [%]	<0.00001	0.00039	0.00008			0.0041	0.0029	0.0026	0.0009	0.0009	0.0203	0.0018
<b>W</b> mass content [%]	<0.00001							0.0015	0.0008	0.0008	0.0102	
<b>Zr</b> mass content [%]	<0.00001	0.0003				<0.0002	<0.0002	0.0019	0.0015	0.0015	0.0153	0.00010

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

1xxx Pure Aluminium

	123/04	124/04	131/03	134/05	135/02	136/03	141/01	142/03	143/05	144/01	145/02
<b>Si</b> mass content [%]	0.073	0.105	0.112	0.152	0.052	0.294	0.41	0.471	0.155	0.65	0.78
<b>Fe</b> mass content [%]	0.107	0.145	0.123	0.286	0.29	0.365	0.40	0.481	0.60	0.73	0.88
<b>Cu</b> mass content [%]	0.0321	0.0533	0.0210	0.0038	0.020	0.056	0.020	0.049	0.029	0.20	0.145
<b>Mn</b> mass content [%]	0.0301	0.0540	0.0123	0.0032	0.020	0.058	0.022	0.055	0.0069	0.100	0.049
<b>Mg</b> mass content [%]	0.0267	0.0558	0.0211	0.0025	0.020	0.038	0.0110	0.047	0.0051	0.160	0.060
<b>Cr</b> mass content [%]	0.0321	0.0509	0.0096	0.0002	0.015	0.037	0.0040	0.050	0.020	0.034	0.010
<b>Ni</b> mass content [%]	0.0309	0.0592	0.0025	0.0011	0.016	0.032	0.0060	0.048	0.0023	0.022	0.0095
<b>Zn</b> mass content [%]	0.0301	0.0515	0.0118	0.0012	0.0080	0.034	0.0140	0.078	0.0098	0.055	0.039
<b>Ti</b> mass content [%]	0.0312	0.0505	0.0045	<0.0001	0.023	0.030	<0.001	0.030	0.0051	0.053	0.010
<b>Ag</b> mass content [%]	0.0048	0.0190								0.010	
<b>As</b> mass content [%]											
<b>B</b> mass content [%]		0.0002	(0.0003)	0.0055		0.0002	0.0150	(0.0008)			
<b>Ba</b> mass content [%]				0.0025 - 0.0038							
<b>Be</b> mass content [%]	0.0008	0.0019	0.00024	0.00050		0.00019		0.0009	0.00042		
<b>Bi</b> mass content [%]	0.0206	0.0151	0.0012		0.0020	0.0002					
<b>Ca</b> mass content [%]		0.0003	0.0032 - 0.0037	0.0002 - 0.0005		(0.0002)		0.0008			
<b>Cd</b> mass content [%]	0.0096	0.0210	0.0009	0.0010		<0.0001		0.0009			
<b>Ce</b> mass content [%]		0.0451									
<b>Co</b> mass content [%]	0.0159	0.0201		0.0010	0.0010	0.0005	0.0090	0.0019			
<b>Ga</b> mass content [%]	0.0207	0.0365	0.0054	0.0010	0.013	0.030			0.014		
<b>Hg</b> mass content [%]											
<b>In</b> mass content [%]					0.0020						
<b>La</b> mass content [%]		0.0307									
<b>Li</b> mass content [%]		0.00060 - 0.000	0.00007 - 0.000	0.00006 - 0.000		0.00003		0.00008 - 0.000	0.00025	0.0012 - 0.0025	
<b>Mo</b> mass content [%]											
<b>Na</b> mass content [%]	0.0002 - 0.0005	0.0014 - 0.0020	0.0004 - 0.0008	0.0020 - 0.0064		0.0009		0.0007 - 0.0011		0.0037 - 0.0065	
<b>P</b> mass content [%]			0.0010			0.0009					
<b>Pb</b> mass content [%]	0.0109	0.0232	0.0058	0.0011	0.0023	0.0010	0.010	0.0047	0.0026	0.0060	0.0025
<b>Sb</b> mass content [%]		0.0252	0.0003			0.0016	0.010	0.0061			
<b>Sc</b> mass content [%]											
<b>Se</b> mass content [%]											
<b>Sn</b> mass content [%]	0.0158	0.0208	0.0024	0.0013	0.0052	0.0003	0.010	0.0047	0.0030	0.0050	0.0024
<b>Sr</b> mass content [%]				0.0004 - 0.0009		<0.0001					
<b>Ta</b> mass content [%]											
<b>Tl</b> mass content [%]											
<b>V</b> mass content [%]	0.0311	0.0449	0.0068	<0.0001	0.0062	0.025	0.0010	0.0077	0.0027	0.036	0.024
<b>W</b> mass content [%]											
<b>Zr</b> mass content [%]	0.0311	0.0054	0.0010	0.0002	0.0050	0.0098		0.0100	0.0049	0.007	0.0032

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1xxx Pure Aluminium

	156/02	158/03	161/01	172	174	214	217/2	4190	4200	4260	4270	436/1
<b>Si</b> mass content [%]	0.31	0.053	0.12	(0.12)	(0.12)	(0.1)	(0.1)	(1.2)	(1.2)	(1.11)	(1.11)	(0.11)
<b>Fe</b> mass content [%]	1.28	1.98	2.66	(0.26)	(0.26)	(0.2)	(0.2)	(0.79)	(1.07)	(0.38)	(0.59)	(0.21)
<b>Cu</b> mass content [%]	0.052	0.0120	0.023									
<b>Mn</b> mass content [%]	0.056	0.021	0.035					(0.031)	(0.014)	(0.076)	(0.056)	
<b>Mg</b> mass content [%]	0.063	0.020	0.024			(0.8)	(0.8)					
<b>Cr</b> mass content [%]	0.031	0.0070	0.012					(0.17)	(0.18)	(0.16)	(0.17)	
<b>Ni</b> mass content [%]	0.022	0.0085	0.013									
<b>Zn</b> mass content [%]	0.035	0.0075	0.012									
<b>Ti</b> mass content [%]	0.042	0.0130	0.023									
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]				0.000007	0.0068			0.0084	0.0359	0.00006	0.0024	
<b>B</b> mass content [%]		0.0010		0.00021	0.0033	0.00072	0.00527					0.00011
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]				0.00002	0.00043							
<b>Bi</b> mass content [%]				0.00010	0.00135							
<b>Ca</b> mass content [%]			(0.001)	(0.00022)	(0.00052)	0.00060	0.00224					<0.0001
<b>Cd</b> mass content [%]								0.00222	0.0115	<0.0001	0.00060	
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]		0.010										
<b>Hg</b> mass content [%]				0.00010	0.00165			0.0024	0.00002	0.0138	0.00057	
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]				(0.000006)	(0.00039)							0.0112
<b>Mo</b> mass content [%]		0.009		0.00015	0.0027							
<b>Na</b> mass content [%]				<0.00002	(0.00021)							0.0095
<b>P</b> mass content [%]			0.0016									
<b>Pb</b> mass content [%]	0.0007	0.007	0.0110					0.00176	0.0107	<0.00025	0.00063	
<b>Sb</b> mass content [%]			0.0053	0.00021	0.0043							
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]				0.00010	0.0011							
<b>Sn</b> mass content [%]		0.0050	0.010									
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0073	0.013	0.022									
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.0100	0.0055	0.010	0.00026	(0.005)							

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1xxx Pure Aluminium

	437/2	437/3	509	574	6012	6084	67995	768	769	9201	9204	9205
<b>Si</b> mass content [%]	(0.11)	(0.11)	0.3210	0.0152	0.5750	(0.04)	0.1700	0.0994	0.0999	<0.0005	0.0097	0.0285
<b>Fe</b> mass content [%]	(0.22)	(0.22)	0.5970	0.0175	0.7850	(0.04)	0.3700	0.1935	0.2009	0.00005	0.00889	0.0298
<b>Cu</b> mass content [%]			0.0705	0.0094	0.1420		0.0400	0.0006	0.0004	0.000035	0.00984	0.0312
<b>Mn</b> mass content [%]			0.0750	0.0052	0.1290		0.0390	0.0203	0.0204	0.000004	0.00154	0.00495
<b>Mg</b> mass content [%]			0.0566	0.0325	0.1210		0.0240	0.0093	0.0093	<0.00005	0.00191	0.0048
<b>Cr</b> mass content [%]			0.0631	0.00475	0.0110		0.0215	0.0056	0.0056	0.000008	0.00210	0.00502
<b>Ni</b> mass content [%]			0.0363	0.00556	0.0097		0.0190	0.0051	0.0051			
<b>Zn</b> mass content [%]			0.1372	0.0138	0.1970		0.0740	0.0003	0.0002	0.000033	0.00434	0.00993
<b>Ti</b> mass content [%]			0.0404	0.00570	0.0485		0.0170	0.0104	0.0105	0.00002	0.00341	0.00813
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]	0.0028	0.0026								0.00005	0.00014	0.00007
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]	0.0016	0.0016										
<b>Cd</b> mass content [%]								0.0004	0.0004			
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]				0.0054			(0.0002)	0.0041	0.0034			
<b>Ga</b> mass content [%]			0.0170	0.00585	0.0226		0.0103	<0.0004	<0.0004			
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]	0.00109	0.00103										
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.0015	0.0015										
<b>P</b> mass content [%]						0.00002						
<b>Pb</b> mass content [%]			0.0488	0.0051	<0.0002		(0.02)	0.0040	0.0040			
<b>Sb</b> mass content [%]			0.0400		0.0022		0.0190	0.0093	0.0095			
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]			0.0390	0.00550	0.0003		(0.02)	0.0040	0.0040			
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]								0.0138	0.0139	<0.00002	0.00127	0.00222
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]								0.0061	0.0040			

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	1xxx Pure Aluminium					2xxx AlCu						
	9206	9207	9208	9209	9210	1211	211/02	212/02	215/01	221/02	222/01	223/02
<b>Si</b> mass content [%]						1.160	0.110	0.064	0.105	0.15	0.40	0.68
<b>Fe</b> mass content [%]						0.1180	0.066	0.088	0.051	0.21	0.31	0.502
<b>Cu</b> mass content [%]						3.52	4.01	4.40	4.98	1.37	2.51	3.58
<b>Mn</b> mass content [%]						1.004	0.461	0.153	0.0195	0.20	0.42	0.796
<b>Mg</b> mass content [%]						0.820	0.417	0.169	0.049	0.41	0.64	1.09
<b>Cr</b> mass content [%]						0.0625	0.0035	0.0055	0.0106	0.030	0.020	0.0599
<b>Ni</b> mass content [%]	0.00006	0.00024	0.00105	0.00187	0.00089	0.0348	0.0057	0.0084	0.0108	0.030	0.025	0.0522
<b>Zn</b> mass content [%]						0.0100	0.0050	0.0095	0.052	0.0095	0.030	0.0993
<b>Ti</b> mass content [%]						0.1750	0.236	0.265	0.198	0.058	0.024	0.0626
<b>Ag</b> mass content [%]	<0.000005	0.00058	0.00128	0.000024	0.00497		0.305	0.448	0.047			
<b>As</b> mass content [%]												
<b>B</b> mass content [%]							(0.0003)		<0.0003			<0.0002
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]	<0.000005	0.00035	<0.000005	<0.000005	0.00133		0.0019		0.0045			
<b>Ca</b> mass content [%]							0.0006					0.00053
<b>Cd</b> mass content [%]								0.0009	0.0019			0.0011
<b>Ce</b> mass content [%]	<0.000002	0.000009	0.00063	0.00171	0.000017							
<b>Co</b> mass content [%]	<0.000006	0.00053	0.000008	<0.000006	0.00187		0.0057					
<b>Ga</b> mass content [%]	0.000006	0.00032	0.00436	0.01063	0.00133							
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]	<0.000001	0.00012	0.00045	0.000006	0.00194							
<b>La</b> mass content [%]	<0.000001	<0.000005	0.00081	0.00192	<0.000005							
<b>Li</b> mass content [%]							0.00002		0.00030			0.00019
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]							(0.0006)		0.0003			0.0008
<b>P</b> mass content [%]							0.0020					
<b>Pb</b> mass content [%]	0.00002	0.00039	0.0041	0.00002	0.00096	0.0007		0.0027	0.0055			0.0055
<b>Sb</b> mass content [%]							0.0082		0.0045			
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	0.000010	0.00055	0.000053	0.000021	0.00186	0.0815	0.0010	0.0020	0.0065			0.0040
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]							0.0112	0.0079	0.0104			0.0133
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	<0.00003	0.000030	0.00193	0.00406	<0.00003	0.0013		0.0025	0.0070			0.0046

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

2xxx AlCu

	224/01	225/01	226/01	231/01	232/02	233/03	236/01	241/01	242/01	243/01	244/01	245
<b>Si</b> mass content [%]	0.76	1.10	0.57	0.295	0.395	0.30	0.206	0.075	0.10	0.17	0.25	0.010
<b>Fe</b> mass content [%]	0.25	0.58	0.20	0.300	0.501	0.41	0.203	0.100	0.13	0.22	0.30	1.28
<b>Cu</b> mass content [%]	4.60	4.78	5.31	5.05	4.28	4.32	5.79	3.38	4.13	4.80	5.78	3.00
<b>Mn</b> mass content [%]	0.90	1.00	0.69	0.100	0.81	0.51	0.052	0.10	0.031	0.051	0.190	0.0015
<b>Mg</b> mass content [%]	0.57	0.82	0.81	0.115	0.90	1.19	0.051	0.10	0.25	0.39	0.45	1.12
<b>Cr</b> mass content [%]	0.080	0.100	0.120	0.032	0.080	0.052	0.022	0.010	0.032	0.050	0.050	0.0007
<b>Ni</b> mass content [%]	0.011	0.041	0.030	0.031	0.020	0.013	0.022		0.011	0.032	0.100	0.600
<b>Zn</b> mass content [%]	0.055	0.150	0.026	0.150	0.102	0.21	0.054	0.012	0.031	0.080	0.044	0.1190
<b>Ti</b> mass content [%]	0.052	0.115	0.152	0.054	0.031	0.029	0.026	0.11	0.20	0.25	0.166	0.0113
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]	0.0050		0.0020									
<b>Bi</b> mass content [%]	0.0160		0.0085	0.57		0.21	0.48					
<b>Ca</b> mass content [%]												
<b>Cd</b> mass content [%]	0.018		0.0100			0.048	0.0048					
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]							0.0089					
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]						0.00007						
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]												
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	0.020		0.010	0.47	0.90	1.10	0.58					0.0485
<b>Sb</b> mass content [%]												
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]								0.051				0.0490
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]		0.050				0.013	0.012					
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.150	0.040	0.080			0.010	0.010					0.1425

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Date: 15.04.2021

Product Catalog v2.1



Reference Material catalog - Suisse Technology Partners Ltd.

2xxx AlCu

	245/01	246/01	251/01	252/01	252C/01	253/01	254/01	255/01	266	271/01	272/01	275/01
<b>Si</b> mass content [%]	0.15	0.145	0.15	0.20	0.882	0.38	0.25	0.10	0.516	0.19	0.097	0.090
<b>Fe</b> mass content [%]	0.22	0.312	0.19	0.10	0.2817	0.22	1.23	0.93	0.5240	0.307	0.206	0.205
<b>Cu</b> mass content [%]	6.20	6.70	1.95	3.40	3.75	4.10	2.68	2.15	4.88	4.47	5.22	4.78
<b>Mn</b> mass content [%]	0.31	0.35	0.022	0.012	0.784	0.052	0.060	0.105	0.395	0.206	0.104	0.053
<b>Mg</b> mass content [%]	0.315	0.024	0.55	1.35	0.529	1.75	1.62	1.90	0.185	0.075	0.162	0.036
<b>Cr</b> mass content [%]	0.022	0.020	0.010	0.028	0.0316	0.15	0.053		0.0030	0.012	0.012	0.010
<b>Ni</b> mass content [%]	0.020	0.020	0.50	1.75	0.0692	2.20	1.20	0.90	0.0032	2.05	1.75	1.73
<b>Zn</b> mass content [%]	0.050	0.100	0.018	0.015	0.1254	0.040	0.100	0.026	0.0585	0.012	0.022	0.012
<b>Ti</b> mass content [%]	0.11	0.12	0.064	0.046	0.0099	0.19	0.102	0.055	0.0275	0.158	0.197	0.158
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]												
<b>Cd</b> mass content [%]												
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]										0.203	0.103	0.104
<b>Ga</b> mass content [%]												
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]					<0.0001							
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]					0.0078				0.0550			
<b>Sb</b> mass content [%]										0.40	0.54	0.096
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]					0.0489				0.0270			
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]		0.095								0.015	0.026	0.016
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]		0.21			0.0283				0.1230	0.104	0.194	0.103

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

	2xxx AlCu				3xxx AlMn							
	276/01	288	960	AS20/02	1225	1227	137	138	151	152	312/01	313/01
<b>Si</b> mass content [%]	0.050	0.0860	0.586	0.204	(0.2)	(0.2)	(0.21)	(0.22)	(0.21)	(0.21)	0.100	0.140
<b>Fe</b> mass content [%]	0.096	0.1260	0.3200	0.310	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	(0.3)	0.36	0.50
<b>Cu</b> mass content [%]	5.30	5.10	3.76	4.65	(0.15)	(0.15)	(0.15)	(0.15)	(0.16)	(0.16)	0.19	0.100
<b>Mn</b> mass content [%]	0.251	0.1510	0.506	0.694	(1)	(1)	(1.3)	(1.3)	(1.3)	(1.3)	0.52	0.65
<b>Mg</b> mass content [%]	<0.001	0.0860	0.800	1.57	(1)	(0.9)	(1.2)	(1.2)	(1.2)	(1.2)	0.60	0.23
<b>Cr</b> mass content [%]	<0.001	0.0640	0.0630	0.104							0.048	0.031
<b>Ni</b> mass content [%]	1.02	0.0112	0.0310	0.052							0.030	0.022
<b>Zn</b> mass content [%]	<0.005	0.0540	0.0892	0.201							0.055	0.037
<b>Ti</b> mass content [%]	0.213	0.1340	0.0374	0.0562							0.030	0.020
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]							(<0.00002)	(0.0004)	(0.0175)	(0.0213)		
<b>B</b> mass content [%]					0.00260	0.00048						
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]		0.0076	0.0022	0.00052								
<b>Bi</b> mass content [%]				0.050			0.00027	0.00153	0.00365	0.00021		
<b>Ca</b> mass content [%]				0.0006			0.00014	0.00035	0.00005	0.00011		
<b>Cd</b> mass content [%]				0.0013			0.00011	0.00113	0.0021	0.0106		
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]	0.245			0.0012			0.00017	0.00058	0.00201	0.0099		
<b>Ga</b> mass content [%]				0.016								
<b>Hg</b> mass content [%]							0.00010	0.00043	0.00142	0.0064		
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]				0.00055			0.00002	0.00006	0.00060	0.00103		
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]				(0.002)	0.00144	0.000019					0.0048 - 0.0053	0.0027 - 0.0033
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]		0.0115	0.0286	0.051			<0.0002	0.00125	<0.0002	0.0102	0.027	0.020
<b>Sb</b> mass content [%]	0.237						0.00009	0.00052	0.0016	0.0098		
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]							<0.00002	<0.00002	<0.00002	<0.00002		
<b>Sn</b> mass content [%]		0.0120	0.0248	0.0125								
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.004	0.0600		0.0245			0.00012	0.00104	0.00158	0.00338		
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.0002	0.0375	0.0312	0.140								

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

3xxx AlMn

	321/01	322/03	325/03	331/02	351/02	352/02	353/02	391C/01	758	905	975	9826
<b>Si</b> mass content [%]	0.348	0.105	0.51	0.242	(0.26)	(0.26)	(0.26)	0.0205	0.4824	0.2041	(0.2)	(0.3)
<b>Fe</b> mass content [%]	0.051	0.408	0.76	0.515	(0.46)	(0.48)	(0.46)	0.0463	0.1488	0.6785	(0.3)	(0.3)
<b>Cu</b> mass content [%]	0.100	0.0218	0.206	0.249	(0.15)	(0.15)	(0.15)	0.1980	0.5030	0.2962	(0.15)	(0.15)
<b>Mn</b> mass content [%]	0.76	1.05	1.18	0.900	(1.16)	(1.13)	(1.16)	1.483	0.908	0.412	(1)	(1)
<b>Mg</b> mass content [%]	0.110	0.0178	0.44	0.0430	(1.08)	(1.06)	(1.08)	0.0123	0.0992	0.1949	(1)	(0.9)
<b>Cr</b> mass content [%]	0.020	0.0053	0.050	0.195	(0.001)	(0.0007)	(0.001)	0.0905	0.0112	0.0416		
<b>Ni</b> mass content [%]	0.022	0.0009		0.0332	(0.003)	(0.003)	(0.003)	0.0258	0.0022	0.0103		
<b>Zn</b> mass content [%]	0.010	0.051	0.165	0.0188	(0.052)	(0.049)	(0.052)	0.0505	0.0224	0.1484		
<b>Ti</b> mass content [%]	0.15	0.011	0.099	0.0540	(0.025)	(0.019)	(0.025)	0.0847	0.0384	0.0101		
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]					0.00135	0.00142	0.0061					
<b>B</b> mass content [%]											0.0022	
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]		0.0020										
<b>Ca</b> mass content [%]												
<b>Cd</b> mass content [%]					0.0013	0.0021	0.0050					
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]												
<b>Hg</b> mass content [%]					0.00094	0.0022	0.0059					
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.0011			(0.0002)				0.00003			0.00018	0.00081
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	0.021	0.0041		0.0044	0.0025	0.0039	0.0053	0.0200	0.0051	0.0087		
<b>Sb</b> mass content [%]												
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]								0.0046	0.0298	0.0054		
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.031	0.0095	0.0021	0.0263	(0.011)	(0.010)	(0.011)					
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]		0.067		0.138	(0.005)	(0.005)	(0.005)	0.0011				

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

4xxx AISi

	004	005/1	006/1	02002	1005	1043	1045	1206	1775	1947	1948	1949/1
<b>Si</b> mass content [%]	(18)	(18)	(18)	(9.2)	2.14	5.03	8.02	3.00	12.05	(12)	(12)	(12)
<b>Fe</b> mass content [%]	(0.1)	(0.1)	(0.1)	(0.3)	0.351	0.012	0.287	0.795	0.306	(0.1)	(0.1)	(0.1)
<b>Cu</b> mass content [%]	(1)	(1)	(1)	(5.5)	0.1011	0.0061	0.0610	4.29	0.0570	(1.4)	(1.4)	(1.5)
<b>Mn</b> mass content [%]				(0.1)	0.402	0.2170	0.0057	0.037	0.371			
<b>Mg</b> mass content [%]	(1.2)	(1.2)	(1.2)	(2)	0.573	0.840	0.112	0.570	0.0265	(1.2)	(1.2)	(1.2)
<b>Cr</b> mass content [%]				(0.2)	0.0609				0.0127			
<b>Ni</b> mass content [%]	(1)	(1)	(1)	(3.6)	0.0914	0.0193	0.0500	0.301	0.0975	(1.1)	(1.1)	(1.1)
<b>Zn</b> mass content [%]				0.0036	0.051	0.0315	0.0870	0.154	0.1285			
<b>Ti</b> mass content [%]	(0.1)	(0.1)	(0.1)	(0.1)	0.070	0.0425	0.2550	0.093	0.0480	(0.1)	(0.1)	(0.1)
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]				0.0009								
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]	0.00019	0.00345	0.00890							0.00010	0.00350	0.00735
<b>Cd</b> mass content [%]					0.0040							
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]												
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.00003	0.00086	0.00245							<0.000005	0.00126	0.00292
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]				0.0042	0.021	0.0195	0.1000	0.100	0.0307			
<b>Sb</b> mass content [%]				0.0166	0.0026	0.010	0.451	0.025	0.1920			
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]				0.0043	0.091	0.0480	0.0780	0.196	<0.0015			
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]				(0.1)								
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]				0.057								

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

4xxx AISi

	1949/2	1950/1	1950/2	411/04	412/08	413/05	414/05	415/03	416/04	422/03	423/03	426/02
<b>Si</b> mass content [%]	(12)	(12)	(12)	9.60	10.26	11.29	11.7	12.80	13.43	9.41	11.2	7.46
<b>Fe</b> mass content [%]	(0.1)	(0.1)	(0.1)	0.134	0.375	0.191	0.40	0.180	0.690	0.190	0.210	0.22
<b>Cu</b> mass content [%]	(1.5)	(1.4)	(1.4)	0.0102	0.037	0.023	0.102	0.054	0.190	0.020	0.0094	0.0057
<b>Mn</b> mass content [%]				0.0243	0.156	0.026	0.25	0.096	0.386	0.107	0.062	0.011
<b>Mg</b> mass content [%]	(1.2)	(1.3)	(1.3)	0.0105	0.25	0.097	0.490	0.500	0.287	0.346	0.246	0.59
<b>Cr</b> mass content [%]				0.0106	0.031	0.0051	0.010	0.0300	0.049	0.019	0.010	0.0015
<b>Ni</b> mass content [%]	(1.1)	(1.1)	(1.1)	0.0129	0.024	0.0044	0.013	0.050	0.096	0.022	0.011	0.0026
<b>Zn</b> mass content [%]				0.0156	0.051	0.0133	0.096	0.036	0.048	0.052	0.021	0.013
<b>Ti</b> mass content [%]	(0.1)	(0.1)	(0.1)	0.0154	0.111	0.053	0.069	0.055	0.028	0.049	0.028	0.127
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]										<0.0002		
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]									0.0010			
<b>Bi</b> mass content [%]					0.0046			0.0084				
<b>Ca</b> mass content [%]	0.00755	0.01230	0.01230	0.00044 - 0.000	0.0089	0.0012	0.0039	0.018	0.0022 - 0.0025	0.0088	0.0009	(0.0019)
<b>Cd</b> mass content [%]							0.0013				0.0035	0.0019
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]							0.0092	0.050	0.020	0.401	0.220	
<b>Ga</b> mass content [%]						0.0044	0.0041	0.0088	0.0080	0.010	0.0037	
<b>Hg</b> mass content [%]							0.0004				0.0011	(0.001)
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]							0.00056		0.0004		0.0002	
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.00320	0.00510	0.00552	0.0041 - 0.0052	0.0015	0.0005	0.00017	(0.007)	0.0125 - 0.0165	0.0036 - 0.0040	0.0007	
<b>P</b> mass content [%]				(0.0009)	0.0068	0.0011	0.0028	0.0020	0.0023 - 0.0028	0.0015	0.0011	
<b>Pb</b> mass content [%]				0.0050	0.0114	0.0035	0.0017	0.051	0.019	0.0047	0.0013	0.019
<b>Sb</b> mass content [%]						0.0054	0.0016	0.017	0.0042	0.0047	0.0097	0.18
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]				0.0051		0.0016	0.0047	0.048	0.016	0.0030	0.0060	0.019
<b>Sr</b> mass content [%]					0.0215	0.056	0.033	0.0006	0.0101 - 0.0106		0.0005	
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]				0.0056		0.0057	0.0096	0.020	0.0098	0.0083	0.0117	0.0022
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]				0.0051		0.0050	0.010		0.0201	0.0098	0.0067	

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	427/01	431/02	432/02	433/04	434/03	436/02	437/01	441/04	442/04	445C/01	451/04	452/02
<b>Si</b> mass content [%]	8.93	7.91	9.33	11.96	12.9	11.05	17.8	6.82	8.03	10.34	6.93	6.96
<b>Fe</b> mass content [%]	0.32	0.091	0.18	0.306	0.33	0.575	0.19	0.98	0.73	0.873	0.120	0.121
<b>Cu</b> mass content [%]	0.004	0.69	0.90	1.44	1.74	1.11	3.94	3.92	3.31	2.97	0.051	0.0039
<b>Mn</b> mass content [%]	0.146	0.053	0.105	0.154	0.20	0.240	0.004	0.40	0.52	0.213	0.0077	0.0121
<b>Mg</b> mass content [%]	0.013	0.55	0.80	1.25	1.45	1.07	1.03	0.32	0.142	0.314	0.63	0.63
<b>Cr</b> mass content [%]	(0.001)	0.011	0.021	0.047	0.103	0.0113	0.002	0.031	0.030	0.0272	0.0022	0.0015
<b>Ni</b> mass content [%]	0.0020	0.51	0.75	1.05	1.49	0.779	1.00	0.097	0.045	0.336	0.0049	0.0026
<b>Zn</b> mass content [%]	0.014	0.025	0.054	0.201	0.129	0.484	0.008	1.97	1.04	0.290	0.0054	0.0014
<b>Ti</b> mass content [%]	0.0132	0.018	0.039	0.053	0.114	0.079	0.006	0.148	0.121	0.107	0.093	0.097
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]											0.0005	0.0004
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]		0.0069	0.0042	0.0052	0.015	0.0022 - 0.0027		0.0063	0.0057	0.0018	0.0012	0.0017
<b>Cd</b> mass content [%]						0.0016					0.0007	
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]						0.0015						
<b>Ga</b> mass content [%]											0.0079	0.0073
<b>Hg</b> mass content [%]						0.0027					0.0007	
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]		0.0014	0.0040	0.0082	0.0079	0.0003		0.0016	0.0017 - 0.0027	0.0020	0.0007 - 0.0010	0.0009
<b>P</b> mass content [%]			0.0006	0.0012	(0.0012)		<0.0005	0.0008	(0.0020)	0.0021	0.0016	0.0019
<b>Pb</b> mass content [%]				0.019	0.0074	0.101		0.193	0.14	0.0507	0.0016	0.0013
<b>Sb</b> mass content [%]	0.37			0.0046		0.0022				0.0018		
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]				0.0086	0.0054	0.0077		0.195	0.141	0.195	0.0009	0.0013
<b>Sr</b> mass content [%]		0.13	0.055	0.050	0.027	0.0021 - 0.0028		0.0005			0.0184 - 0.0204	0.0002
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0044	0.017	0.0037	0.0157	0.0143	0.0155	0.0045	0.021	0.021	0.0393	0.0048	0.0051
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]				0.0197	0.0112	0.0301		0.097	0.058		0.0014	0.0008

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	453/01	454/02	455/01	456/01	461/01	462/02	465/01	471/02	472/02	473/02	6009	6052
<b>Si</b> mass content [%]	6.48	7.46	8.06	5.89	12.28	11.3	9.18	15.8	17.7	19.6	7.95	(7.1)
<b>Fe</b> mass content [%]	0.179	0.095	0.33	0.53	0.454	0.816	0.566	0.84	1.43	0.194	0.592	(0.1)
<b>Cu</b> mass content [%]	0.022	0.011	0.053	0.104	0.345	1.96	0.095	4.90	4.02	0.96	0.0350	
<b>Mn</b> mass content [%]	0.0522	0.030	0.103	0.202	0.489	0.402	0.404	0.113	0.321	0.062	0.152	
<b>Mg</b> mass content [%]	0.345	0.429	0.54	0.250	0.131	0.189	0.332	0.637	0.344	1.08	0.4340	(0.3)
<b>Cr</b> mass content [%]	0.0123	0.0073	0.0326	0.053	0.0532	0.049	0.027	0.052	0.035	0.013	0.0117	
<b>Ni</b> mass content [%]	0.0118	0.0072	0.055	0.0240	0.248	0.190	0.051	0.102	0.498	1.20	0.0490	
<b>Zn</b> mass content [%]	0.0184	0.0338	0.053	0.154	0.152	1.21	0.104	0.115	0.321	0.51	0.0330	
<b>Ti</b> mass content [%]	0.068	0.151	0.0419	0.115	0.104	0.150	0.172	0.178	0.103	0.059	0.0845	(0.01)
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]					<0.0001	<0.0002						
<b>B</b> mass content [%]					<0.0005	<0.0005						
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]		<0.0001			0.0051	0.00050	0.00095					
<b>Bi</b> mass content [%]			0.0044		0.0092	0.0062						
<b>Ca</b> mass content [%]	0.0070	0.0031			0.0023	0.0015	0.0065	0.0050	0.0070	0.0020		
<b>Cd</b> mass content [%]					<0.00002	<0.0001						
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]						0.0047						
<b>Ga</b> mass content [%]		0.017			0.0076	0.0113	0.0078	0.0098	0.0113	0.008		
<b>Hg</b> mass content [%]						<0.0002						
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]						0.0003						
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]			0.0031		0.0019	0.0008	0.0013					
<b>P</b> mass content [%]		0.0011	0.0022	0.0028		(0.003)	(0.004)	0.0019	0.0022	0.0043		0.00210
<b>Pb</b> mass content [%]	0.0039		0.0104	0.0060	0.0190	0.210	0.050	0.054	0.117	0.086	0.0064	
<b>Sb</b> mass content [%]	0.0023			0.0028	0.0030	0.0108					0.0460	
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	0.0029		0.0052	0.0103	0.0201	0.0185	0.050	0.053	0.094	0.29	0.0293	
<b>Sr</b> mass content [%]	(0.072)			0.0460		0.0087						
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0110	0.0103	0.021	0.0112	0.0141	0.0092	0.010	0.077	0.057	0.020		
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.0099	0.0107	0.0100	0.0053	0.0193	0.0049	0.0097	0.058	0.0192	0.0076		

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	6075	6076/1	6076/2	8035	8041	8054/1	813	907	932	9331	9506	9507
<b>Si</b> mass content [%]	(5)	(5)	(5)	(7)	(9.5)	(9.7)	1.26	6.54	(7)	9.68	(12)	(12)
<b>Fe</b> mass content [%]	(0.1)	(0.1)	(0.1)	(0.1)	(0.14)	(0.11)	0.3970	0.198	(0.1)	0.129	(0.5)	(0.5)
<b>Cu</b> mass content [%]	(3)	(3)	(3)				0.0080	1.00		0.0021	(1.2)	(1.2)
<b>Mn</b> mass content [%]							0.0044	0.356		0.925		
<b>Mg</b> mass content [%]	(0.3)	(0.3)	(0.3)	(0.4)	(0.4)	(0.4)	0.0002	0.018	(0.4)	0.6082	(1)	(1)
<b>Cr</b> mass content [%]							0.1249			0.0007		
<b>Ni</b> mass content [%]							0.0023	0.0303		0.0013	(0.9)	(0.9)
<b>Zn</b> mass content [%]							0.0052	0.498		0.0048		
<b>Ti</b> mass content [%]	(0.1)	(0.1)	(0.1)	(0.1)	(0.09)	(0.1)	0.0055	0.030	(0.1)	0.0122	(0.1)	(0.1)
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]	0.00973	0.00595	0.00595	0.00057	0.00090	0.01425			0.0050 - 0.0081			
<b>Cd</b> mass content [%]												
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]												
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.00939	0.00480	0.00505	<0.0002	0.00053	0.00806			0.0054 - 0.0127			
<b>P</b> mass content [%]	0.00038	0.00034	0.00034		0.00333	0.00020					0.0160	0.0165
<b>Pb</b> mass content [%]							0.0005	0.0017		0.0194		
<b>Sb</b> mass content [%]								0.069		0.0942		
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]							0.0005	0.030		0.0186		
<b>Sr</b> mass content [%]				0.0801					0.0140 - 0.0211			
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]												
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]												

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	9524	9526	9528	9530	9531	9533	9534	9536	9618	9619	9621	9626
<b>Si</b> mass content [%]	11.69	10.73	9.22	13.31	13.63	5.88	11.88	11.91	14.08	13.70	11.35	11.33
<b>Fe</b> mass content [%]	0.086	0.347	0.556	0.724	0.722	0.151	1.204	1.238	0.293	0.293	0.464	0.471
<b>Cu</b> mass content [%]	0.50	1.43	1.99	0.98	0.97	4.92	0.98	0.98	0.1564	0.1529	0.0260	0.0249
<b>Mn</b> mass content [%]	0.257	0.140	0.055	0.006	0.006	0.693	0.038	0.039	0.146	0.145	0.327	0.327
<b>Mg</b> mass content [%]	0.49	1.27	1.75	0.86	0.84	0.037	0.126	0.129	0.193	0.193	0.0521	0.0507
<b>Cr</b> mass content [%]						0.150	0.0108	0.0122	0.0100	0.0099	0.0377	0.0382
<b>Ni</b> mass content [%]	0.53	0.81	1.50	1.04	1.01	0.0240	0.1389	0.1370	0.0042	0.0043	0.0572	0.0579
<b>Zn</b> mass content [%]	0.148	0.061	0.022	0.240	0.238	0.683	0.049	0.049	0.0039	0.0037	0.0919	0.0931
<b>Ti</b> mass content [%]	0.019	0.105	0.197	0.007	0.007	0.189	0.016	0.017	0.0132	0.0136	0.1623	0.1510
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]									0.00253	0.00252	0.00096	0.00096
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]												
<b>Cd</b> mass content [%]												
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]												
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]												
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	(0.098)	0.0578	0.0204	0.0080	0.0080	0.013	0.134	0.133	0.0907	0.0906	0.0177	0.0178
<b>Sb</b> mass content [%]	0.0331	0.0171	0.0092	0.0030	0.0029	0.023	0.0004	0.0005	0.0186	0.0160	0.0076	0.0074
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	(0.0984)	0.0579	0.0200	0.0079	0.0077	0.347	0.076	0.075	0.0579	0.0587	0.0944	0.0936
<b>Sr</b> mass content [%]									0.0451	0.0450	0.1127	0.1118
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]												
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]												

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	9704	9706	9709	9711	9714	9716	9718	9720	977	9813/2	9906	9913
<b>Si</b> mass content [%]	(6.9)	(7)	(7.1)	(6.9)	(9.2)	(9.6)	(9.2)	(9.4)	(9.5)	(11)	3.92	(7)
<b>Fe</b> mass content [%]	(0.04)	(0.2)	(0.08)	(0.16)	(0.04)	(0.18)	(0.08)	(0.11)	(0.2)	(0.2)	0.423	(0.1)
<b>Cu</b> mass content [%]	(0.42)									(1.4)	0.0132	
<b>Mn</b> mass content [%]											0.034	
<b>Mg</b> mass content [%]		(0.39)	(0.4)	(0.39)	(0.3)	(0.32)	(0.31)	(0.26)	(0.4)	(1.3)	0.928	(0.4)
<b>Cr</b> mass content [%]											0.0114	
<b>Ni</b> mass content [%]										(1.1)	0.0378	
<b>Zn</b> mass content [%]											0.0033	
<b>Ti</b> mass content [%]	(0.12)	(0.13)	(0.1)	(0.1)	(0.11)	(0.15)	(0.1)	(0.1)	(0.1)	(0.1)	0.0259	(0.1)
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]									0.0022			0.00311
<b>Cd</b> mass content [%]											0.0043	
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]	0.0395	0.0035	0.0168	0.0091	0.0409	0.0032	0.0166	0.0089				
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]									0.0009			0.00355
<b>P</b> mass content [%]									0.0017	0.0031		
<b>Pb</b> mass content [%]											0.0023	
<b>Sb</b> mass content [%]	0.0194	0.00046	0.0115	0.0063	0.0148	0.00010	0.0115	0.0060				
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]											0.0003	
<b>Sr</b> mass content [%]										0.0034		0.0454
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]												
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]												

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	003	200	201	202	203	212	2330	2340	2350	511/01	512/02	513/02
<b>Si</b> mass content [%]	0.350	(0.14)	(0.15)	(0.13)	(0.12)	(0.1)	0.029	0.097	0.197	0.022	0.0377	0.0057
<b>Fe</b> mass content [%]	0.610	(0.26)	(0.31)	(0.28)	(0.28)	(0.2)	0.039	0.189	0.374	0.023	0.0306	0.0056
<b>Cu</b> mass content [%]	0.0065						0.1484	0.1007	0.0517	0.022	0.0126	0.0033
<b>Mn</b> mass content [%]	0.0420	(0.36)	(0.38)	(0.37)	(0.37)		0.2494	0.0016	0.0506	0.0045	0.0107	0.0010
<b>Mg</b> mass content [%]	0.41	(4.8)	(4.6)	(4.6)	(4.8)	(0.8)	1.324	1.009	0.669	0.20	0.498	0.98
<b>Cr</b> mass content [%]	0.0600						0.0002	0.0510	0.0985	0.006	0.0107	0.0010
<b>Ni</b> mass content [%]	0.0290						0.0015	0.0208	0.0519	0.005	0.0117	0.0012
<b>Zn</b> mass content [%]	0.0180						0.1485	0.0979	0.0498	0.007	0.0116	0.0035
<b>Ti</b> mass content [%]	0.0540						0.1115	0.0562	0.0231	0.0051	0.0135	0.0030
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]		0.0031	(0.0037)	0.0006	(0.0037)						0.0016	
<b>B</b> mass content [%]		0.00162	0.0037	0.00013	0.00009	0.00011						
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]							0.00295	0.00127	0.00044		0.00092	
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]		(0.00062)	(0.0007)	(0.00004)	(0.00024)	0.00018						
<b>Cd</b> mass content [%]		0.00226	0.0117	0.00013	<0.00003						0.0010	
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]		0.00212	0.0095	0.00015	0.00051							
<b>Ga</b> mass content [%]											0.0042	
<b>Hg</b> mass content [%]		0.00232	0.0137	0.00017	<0.00005						0.0036	
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]		0.00141	0.0094	0.000009	0.00006							
<b>Mo</b> mass content [%]		0.00010	0.0075	0.00014	<0.0001							
<b>Na</b> mass content [%]												
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	0.0205						0.0213	0.0302	0.0106		0.00126	
<b>Sb</b> mass content [%]		0.00146	0.0093	0.000009	0.000013						0.0014	
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	0.0300						0.0512	0.0996	0.0203		0.0012	
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0145	0.00113	0.00040	0.00193	0.000024		0.0190	0.0349	0.0273		0.0057	0.0012
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]							0.0868	0.0455	0.0190		0.0052	0.0010

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	514/01	514/02	516/01	521/01	521/02	522/03	523/01	524/04	525/04	531/02	532/01	533/03
<b>Si</b> mass content [%]	0.068	0.0660	0.002	0.030	0.053	0.203	0.087	0.403	0.220	0.140	0.009	0.319
<b>Fe</b> mass content [%]	0.0075	0.0629	0.005	0.033	0.056	0.197	0.084	0.500	0.313	0.149	0.011	0.216
<b>Cu</b> mass content [%]	0.0010	0.0110	0.001	0.011	0.0104	0.0300	0.0011	0.100	0.066	0.078	0.012	0.0544
<b>Mn</b> mass content [%]		0.0305	0.001	0.030	0.0289	0.102	0.150	0.199	0.285	0.249	0.0009	0.102
<b>Mg</b> mass content [%]	2.42	2.42	3.8	0.51	0.493	1.01	1.51	2.00	2.87	3.72	4.33	5.03
<b>Cr</b> mass content [%]		0.0055	0.001	0.005	0.0054	0.0158	0.105	0.176	0.327	0.052	0.0050	0.102
<b>Ni</b> mass content [%]		0.0062	0.002		0.0049	0.0103	0.0097	0.0290	0.028	0.053	0.0043	0.0117
<b>Zn</b> mass content [%]		0.0219	0.002	0.049	0.115	0.0219	0.012	0.0586	0.035	0.154	0.0008	0.0311
<b>Ti</b> mass content [%]		0.0241	<0.0005	0.005	(0.0033)	0.0104	0.110	0.0614	0.029	0.101	0.0005	0.0188
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]		<0.0001										
<b>B</b> mass content [%]					(0.0025)							(0.0007)
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]		0.0020	0.0005			0.0039		0.0010	0.00053	0.0021	0.00050	0.0041
<b>Bi</b> mass content [%]		0.0019					0.0090	0.0010	0.024	0.0183		0.0009
<b>Ca</b> mass content [%]			0.0010			0.0010		0.0020	0.0007			0.0019 - 0.0023
<b>Cd</b> mass content [%]		0.0020	0.001			0.0010		0.0022	0.0008			0.0015
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]			0.0006		0.0045							
<b>Ga</b> mass content [%]		0.0081	0.001			0.0051			0.021		0.0015	
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]			0.0002					0.00024	0.0015	0.00064		0.00022
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]		0.0014	0.0001	0.0019 - 0.0025	0.0019 - 0.0022	0.0011		0.0029	0.0013	0.0010 - 0.0012	(0.006)	0.0032 - 0.0035
<b>P</b> mass content [%]					0.0028			0.0011			0.0012	
<b>Pb</b> mass content [%]		0.0035	0.001			0.0039	0.020	0.0068	0.021	0.0104	0.0044	0.0022
<b>Sb</b> mass content [%]		0.0030						0.0007	0.004			
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]		0.0032	0.001					0.0025	0.016		0.0038	0.0011
<b>Sr</b> mass content [%]												0.0010
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]		0.0100	<0.001			0.0027	0.0172	0.0072	0.018	0.0083	0.0003	0.0062
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]		0.0050	0.001					0.0042	0.0058		<0.0002	0.0055

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	535/01	536/01	537/02	537C/01	538C/01	542/01	544/01	545/02	547/01	551/02	551/03	552/01
<b>Si</b> mass content [%]	0.044	0.120	0.224	0.091	0.050	0.200	0.055	0.142	0.155	0.23	0.246	0.150
<b>Fe</b> mass content [%]	0.051	0.24	0.330	0.249	0.059	0.290	0.141	0.296	0.406	0.060	0.060	0.105
<b>Cu</b> mass content [%]	0.030	0.031	0.0189	0.252	0.0494	0.045	0.010	0.029	0.104	0.140	0.137	0.095
<b>Mn</b> mass content [%]	0.118	0.305	0.450	0.147	0.617	0.81	1.04	0.802	0.702	1.08	1.10	0.80
<b>Mg</b> mass content [%]	5.88	4.40	4.76	5.83	4.70	4.08	5.51	5.49	4.58	1.42	1.40	1.54
<b>Cr</b> mass content [%]	0.051	0.055	0.0104	0.0045	0.141	0.146	0.048	0.153	0.158	0.30	0.338	0.200
<b>Ni</b> mass content [%]	0.010	0.010	0.0066	0.0508	0.0188		0.019	0.0100	0.011	<0.001	0.0031	<0.001
<b>Zn</b> mass content [%]	0.100	0.052	0.0154	0.1016	0.0298	0.054	0.011	0.0216	0.065	0.100	0.100	0.065
<b>Ti</b> mass content [%]	0.010	0.049	0.0036	0.0192	0.0409	0.0115	0.053	0.105	0.099	0.010	0.0117	
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]	0.014		0.0005	0.00066	0.00025				0.0011			
<b>Bi</b> mass content [%]		(0.0019)	0.0012						0.0036			
<b>Ca</b> mass content [%]			0.0023	0.00174		(0.0075)			0.0004 - 0.0007			
<b>Cd</b> mass content [%]			0.0011	0.0020					0.0049			
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]			0.0298	0.0049					0.013			
<b>Hg</b> mass content [%]				0.0023								
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]			0.00041	<0.00005		0.0014	0.0006	0.0006	0.00030 - 0.000	0.0015	0.0014	0.0015
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.0063		0.0023	0.00045	0.0003	(0.003)	0.00140	0.00135	0.00150 - 0.002	(0.0045)	0.0027	(0.0034)
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	0.020		0.0023	0.0100	0.0056	0.009			0.0057	0.019	0.0186	
<b>Sb</b> mass content [%]												
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]			0.0015	0.0204	0.0093	0.011		0.011	0.0055			0.020
<b>Sr</b> mass content [%]			0.0007									
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]			0.0102	0.0051		0.010			0.012	0.022	0.0215	0.020
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]			0.0041	0.0458	0.0154				0.0056			

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

5xxx AlMg

	552/02	553/01	554/01	554/02	555/03	556/01	561/01	565/03	571/01	572/01	573/01	574/02
<b>Si</b> mass content [%]	0.144	0.039	0.26	0.258	0.419	0.24	1.17	1.84	0.14	0.42	0.221	0.096
<b>Fe</b> mass content [%]	0.097	0.202	0.30	0.321	0.404	0.495	0.253	0.50	0.15	0.307	0.198	0.106
<b>Cu</b> mass content [%]	0.099	0.048	0.040	0.052	0.107	0.019	0.0245	0.050	0.100	0.019	0.0105	0.046
<b>Mn</b> mass content [%]	0.798	0.500	1.17	1.03	0.516	0.80	0.280	0.437	0.20	0.195	0.112	0.026
<b>Mg</b> mass content [%]	1.95	1.48	2.74	2.64	3.01	3.29	2.75	7.01	6.50	7.87	8.97	9.88
<b>Cr</b> mass content [%]	0.198	0.106	0.030	0.0321	0.105	0.25	0.025		0.012			0.0043
<b>Ni</b> mass content [%]	0.0048	<0.001	0.0010	0.0086	0.011	0.0105	0.0458		0.015			0.0044
<b>Zn</b> mass content [%]	0.061	0.021	0.100	0.110	0.101	0.030	0.021	0.031	0.062	0.126	0.051	0.024
<b>Ti</b> mass content [%]	0.0100	0.032	0.046	0.0466	0.094	0.154	0.0120	(0.21)	0.054	0.064	0.16	0.097
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]	0.0010			0.0024			0.0121	0.0099		0.0050	0.0080	0.013
<b>Bi</b> mass content [%]					0.017							
<b>Ca</b> mass content [%]	(0.0009)											
<b>Cd</b> mass content [%]	0.0022			0.0051			0.0009					
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]							0.019					
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]	0.00045	0.0005		0.00017		0.0007						
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.0016	(0.0027)	(0.0075)	0.0039 - 0.0047	0.0004	0.00110	(0.0043)					
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	0.0038	0.020		0.0091	0.010		0.0444					0.014
<b>Sb</b> mass content [%]												
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	0.0187			0.0124			0.0323					0.016
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0092	0.0245		0.0088	0.0083		0.0170					0.0070
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.0050				0.0092							

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Date: 15.04.2021  
Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

	5xxx AlMg					6xxx AlMgSi, AlSiMg						
	6036	6038	6083	AS50/01	AS60/01	6063/H1	611/01	611/03	612/02	613/08	614/05	618/01
<b>Si</b> mass content [%]	0.102	0.172	(0.5)	0.220	0.639	0.64	0.30	0.198	0.315	0.413	0.630	0.500
<b>Fe</b> mass content [%]	0.276	0.109	(0.2)	0.347	0.253	0.360	0.09	0.069	0.132	0.268	0.246	0.201
<b>Cu</b> mass content [%]	0.0065	0.1507		0.084	0.0330	0.105	0.0016	0.0012	0.0101	0.0101	0.0299	0.0364
<b>Mn</b> mass content [%]	0.383	0.889		0.85	0.0397	0.159	0.0003	0.0020	0.0065	0.0193	0.0518	0.0895
<b>Mg</b> mass content [%]	2.07	3.00	(0.5)	4.50	0.794	0.93	0.21	0.211	0.316	0.399	0.616	0.588
<b>Cr</b> mass content [%]	0.1248	0.0444		0.100	0.0258	0.041	0.001	0.0010	0.0030	0.0050	0.0209	0.0087
<b>Ni</b> mass content [%]	0.0487	0.0021		0.030	0.0113	0.052	<0.001	0.0016	0.0009	0.0044	0.0095	0.0050
<b>Zn</b> mass content [%]	0.0936	0.0583		0.101	0.0259	0.105	0.0016	0.0013	0.0031	0.0087	0.0523	0.0134
<b>Ti</b> mass content [%]	0.0527	0.1035		0.040	0.0216	0.105	0.002	0.0015	(0.0023)	0.0146	0.0303	0.0225
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]										0.0020	0.0033	
<b>B</b> mass content [%]			0.00899					0.0002	(0.0006)			
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]	0.00096	0.00222		0.0050					0.0023	0.0011		
<b>Bi</b> mass content [%]				0.0173	0.0048					0.0036	0.0078	0.0140
<b>Ca</b> mass content [%]								0.0017		0.0005	0.0011 - 0.0014	(0.0006)
<b>Cd</b> mass content [%]						0.0026		0.0058		0.0035	0.0016	
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]								0.0010			0.0041	
<b>Ga</b> mass content [%]										0.0172		0.0117
<b>Hg</b> mass content [%]								0.0108		0.0015	0.0033	
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]				0.0006				0.00065 - 0.000		0.0006	0.0003	
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.00034	0.00009	0.00369	0.0011				<0.0001		0.0004	0.0007 - 0.0011	
<b>P</b> mass content [%]								0.0018	0.0005	0.0012	0.0032	
<b>Pb</b> mass content [%]	0.0195	0.0502	0.00660	0.009	0.0058	0.0033		0.0009	0.0027	0.0107	0.0052	0.0026
<b>Sb</b> mass content [%]					0.0045					0.0085	0.0035	
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	0.0023	0.0009			0.0036	0.0027		0.0010		0.0111	0.0055	0.0148
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]				0.026	0.0147	0.0205	0.001	0.0004	(0.0048)	0.0109	0.0166	0.0169
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.0504	0.0024				0.0194		0.0010		0.0044	0.0016	0.0013

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

6xxx AlMgSi, AlSiMg

	621/01	622/01	623/01	624/01	631/01	632/02	633/01	634/02	635/03	637C/01	651/02	661/02
<b>Si</b> mass content [%]	2.02	2.90	3.96	4.95	0.53	0.680	0.98	1.05	1.29	1.569	0.583	0.619
<b>Fe</b> mass content [%]	0.080	0.16	0.22	0.25	0.105	0.203	0.340	0.425	0.276	0.377	0.187	0.306
<b>Cu</b> mass content [%]	0.010	0.030	0.047	0.078	0.0105	0.029	0.039	0.085	0.049	0.379	0.301	0.057
<b>Mn</b> mass content [%]	0.050	0.15	0.23	0.340	0.505	0.421	0.275	0.759	1.03	0.304	0.296	0.050
<b>Mg</b> mass content [%]	0.29	0.41	0.50	0.61	0.515	0.475	0.73	0.840	0.748	1.468	0.91	0.717
<b>Cr</b> mass content [%]	0.0065	0.010	0.019	0.029	0.103	0.0206		0.031	0.059	0.3514	0.0100	0.052
<b>Ni</b> mass content [%]	<0.001		<0.001	<0.001	0.010	0.0066		0.033	0.052	0.1026	0.0065	0.0032
<b>Zn</b> mass content [%]	0.024	0.040	0.060	0.105	0.018	0.0515	0.130	0.032	0.147	0.0011	0.051	0.113
<b>Ti</b> mass content [%]	0.056	0.070	0.10	0.16	0.0078	0.029	0.056	0.071	0.044	0.0648	0.013	0.051
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]									0.0026			
<b>B</b> mass content [%]												(0.0001)
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]	0.018								0.0006			
<b>Bi</b> mass content [%]								0.0028			0.495	
<b>Ca</b> mass content [%]	0.005	0.007	0.0080	0.0104		0.0003			0.0008			
<b>Cd</b> mass content [%]									0.0008		0.027	
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]										0.0495		
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]							0.00030		0.0008			
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]					(0.0004)	0.00055		0.0013 - 0.0015	0.0015			0.0004
<b>P</b> mass content [%]								0.0008				0.0024
<b>Pb</b> mass content [%]					0.006	0.0055		0.0021	0.0064	0.0200	0.394	0.0025
<b>Sb</b> mass content [%]								0.0004	0.0027			
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]							0.0050		0.0009	0.0048	0.0022	
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0045	0.0066	0.0115	0.016		0.0022	0.0095	0.0152	0.0147	0.0291	0.0069	0.080
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]								0.0013	0.0048	0.0515		0.0012

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Date: 15.04.2021

Product Catalog v2.1



Reference Material catalog - Suisse Technology Partners Ltd.

	6xxx AlMgSi, AlSiMg			7xxx AlZn								
	662/02	666/01	849	10838	10839	10840	10841	10843	248	6018	711/02	712/02
<b>Si</b> mass content [%]	0.700	1.41	0.613	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	0.460	0.027	0.40	0.131
<b>Fe</b> mass content [%]	0.320	0.52	0.613	(0.12)	(0.12)	(0.12)	(0.12)	(0.12)	0.375	0.264	0.452	0.191
<b>Cu</b> mass content [%]	0.212	1.47	0.753	0.76	2.32	(1.6)	(1.6)	(1.6)	0.258	1.47	0.049	0.0295
<b>Mn</b> mass content [%]	0.070	0.60	0.0504	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.418	0.165	0.204	0.158
<b>Mg</b> mass content [%]	0.601	0.80	0.629	(2.8)	(2.8)	2.15	3.60	(2.8)	1.49	2.26	4.45	3.64
<b>Cr</b> mass content [%]	0.147	0.17	0.1308	(0.15)	(0.15)	(0.15)	(0.15)	(0.15)	0.056	0.294	0.0092	
<b>Ni</b> mass content [%]	0.0012		0.0060						0.035	0.0302		
<b>Zn</b> mass content [%]	0.100	0.10	0.2497	(7.8)	(7.8)	(7.8)	(7.8)	6.40	4.90	5.42	1.30	2.29
<b>Ti</b> mass content [%]	0.0048	0.051	0.0043	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.153	0.0710	0.106	0.027
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]	0.0003											
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]			0.00010	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	0.0002	0.0036	0.0050	0.0022
<b>Bi</b> mass content [%]												
<b>Ca</b> mass content [%]	0.0013											
<b>Cd</b> mass content [%]										0.0178		
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]			0.0258									
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	0.0006									0.00090		
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]	0.0050		0.0015						0.100	0.0285		
<b>Sb</b> mass content [%]	0.0053											
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	0.0052		0.0203	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	0.101	0.0274		
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]	0.0042		0.0122	(0.005)	(0.005)	(0.005)	(0.005)	(0.005)		0.0251		
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.0028		0.1164						0.055	0.0160		

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

7xxx AlZn

	713/01	714/02	715/02	716/02	721/01	722/01	723/01	724/02	731/01	732/01	733/03	734/02
<b>Si</b> mass content [%]	0.33	0.10	0.20	0.10	0.10	0.18	0.30	0.366	0.15	0.20	0.104	0.250
<b>Fe</b> mass content [%]	0.35	0.10	0.60	0.26	0.20	0.24	0.33	0.430	0.19	0.24	0.142	0.360
<b>Cu</b> mass content [%]	0.10	0.0105	0.30	0.051	0.05	0.08	0.115	0.149	0.58	0.99	1.45	2.07
<b>Mn</b> mass content [%]	0.53	0.013	0.351	0.50	0.15	0.35	0.50	0.190	0.15	0.20	0.282	0.51
<b>Mg</b> mass content [%]	1.67	0.98	0.45	3.50	0.81	1.23	1.80	2.66	1.23	2.06	2.36	3.00
<b>Cr</b> mass content [%]	0.19	0.092	(0.33)	0.036	0.09	0.14	0.22	0.158	0.019	0.045	0.258	0.18
<b>Ni</b> mass content [%]		0.011	0.050	0.050	0.011	0.030	0.052	0.097			0.017	0.052
<b>Zn</b> mass content [%]	4.60	3.65	5.40	4.50	3.70	4.24	4.69	4.84	4.00	4.45	5.02	6.16
<b>Ti</b> mass content [%]	0.017	0.057	0.15	0.033	0.010	0.015	0.035	0.093	0.008	0.016	0.021	0.035
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]		0.0005		0.0010							0.0010	
<b>Bi</b> mass content [%]								0.0038				
<b>Ca</b> mass content [%]								0.0009				
<b>Cd</b> mass content [%]												
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												0.0214
<b>Ga</b> mass content [%]												
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]											0.00024	
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]								0.0005			0.0017	
<b>P</b> mass content [%]												
<b>Pb</b> mass content [%]								0.0050			0.019	0.010
<b>Sb</b> mass content [%]											0.0023	
<b>Sc</b> mass content [%]												
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]								0.0062			0.00018	0.0040
<b>Sr</b> mass content [%]												
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]								0.0067			0.0100	0.029
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]	0.17				0.050	0.11	0.16	0.105			0.0101	0.050

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Date: 15.04.2021

Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

7xxx AlZn

	741/01	742/01	743/01	744/01	756	9151	9152	AS70/02
<b>Si</b> mass content [%]	0.31	0.15	0.10	0.21	0.128	(0.1)	(0.1)	0.157
<b>Fe</b> mass content [%]	0.40	0.30	0.15	0.50	0.105	(0.15)	(0.15)	0.291
<b>Cu</b> mass content [%]	0.10	0.050	0.10	0.051	0.0127	2.08	(1.5)	1.62
<b>Mn</b> mass content [%]	0.105	0.053	0.10	0.056	0.050	(0.05)	(0.05)	0.165
<b>Mg</b> mass content [%]	0.035	0.065	0.039	0.074	0.971	(2.5)	1.47	2.71
<b>Cr</b> mass content [%]	0.023	0.012	0.012	0.023	0.270	(0.2)	(0.2)	0.209
<b>Ni</b> mass content [%]	0.011	0.011	0.012	0.012	0.0093	(0.01)	(0.01)	0.031
<b>Zn</b> mass content [%]	0.805	1.29	1.79	2.77	5.79	(5.6)	(5.6)	5.53
<b>Ti</b> mass content [%]	0.027	0.016	0.016	0.028	0.0099	(0.02)	(0.02)	0.030
<b>Ag</b> mass content [%]								
<b>As</b> mass content [%]								
<b>B</b> mass content [%]								
<b>Ba</b> mass content [%]								
<b>Be</b> mass content [%]					0.0020	(0.003)	(0.003)	
<b>Bi</b> mass content [%]								
<b>Ca</b> mass content [%]								
<b>Cd</b> mass content [%]						(0.005)	(0.005)	
<b>Ce</b> mass content [%]								
<b>Co</b> mass content [%]								
<b>Ga</b> mass content [%]								
<b>Hg</b> mass content [%]								
<b>In</b> mass content [%]								
<b>La</b> mass content [%]								
<b>Li</b> mass content [%]								0.00092 - 0.001
<b>Mo</b> mass content [%]								
<b>Na</b> mass content [%]								0.0014 - 0.0018
<b>P</b> mass content [%]								
<b>Pb</b> mass content [%]					0.0089	(0.005)	(0.005)	0.011
<b>Sb</b> mass content [%]								
<b>Sc</b> mass content [%]								
<b>Se</b> mass content [%]								
<b>Sn</b> mass content [%]					0.0093	(0.005)	(0.005)	
<b>Sr</b> mass content [%]								
<b>Ta</b> mass content [%]								
<b>Tl</b> mass content [%]								
<b>V</b> mass content [%]						(0.005)	(0.005)	0.023
<b>W</b> mass content [%]								
<b>Zr</b> mass content [%]					0.1889			0.119

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

	AlZn(Si)					
	4017	4018	4028	4029	822/01	873/01
<b>Si</b> mass content [%]	(0.73)	(0.74)	(0.7)	(0.72)	(0.08)	7.25
<b>Fe</b> mass content [%]	(1.24)	(1.02)	(0.62)	(0.79)	(0.09)	0.26
<b>Cu</b> mass content [%]	(0.0094)	(0.0069)	(0.0039)	(0.0039)	0.004	0.049
<b>Mn</b> mass content [%]	(0.0077)	(0.0231)	(0.1056)	(0.0552)	0.007	0.104
<b>Mg</b> mass content [%]					0.008	0.535
<b>Cr</b> mass content [%]	(0.0022)	(0.0019)	(0.0018)	(0.0002)	0.009	0.032
<b>Ni</b> mass content [%]					0.006	0.006
<b>Zn</b> mass content [%]					0.008	11.00
<b>Ti</b> mass content [%]					0.06	0.0154
<b>Ag</b> mass content [%]						
<b>As</b> mass content [%]	0.0257	0.0061	0.00032	0.0028		
<b>B</b> mass content [%]						
<b>Ba</b> mass content [%]						
<b>Be</b> mass content [%]						
<b>Bi</b> mass content [%]					0.043	
<b>Ca</b> mass content [%]						
<b>Cd</b> mass content [%]	0.0114	0.00252	<0.0001	0.00074		
<b>Ce</b> mass content [%]						
<b>Co</b> mass content [%]						
<b>Ga</b> mass content [%]						
<b>Hg</b> mass content [%]	0.00015	0.00077	0.0142	0.0030		
<b>In</b> mass content [%]						
<b>La</b> mass content [%]						
<b>Li</b> mass content [%]						
<b>Mo</b> mass content [%]						
<b>Na</b> mass content [%]						
<b>P</b> mass content [%]						
<b>Pb</b> mass content [%]	0.0121	0.00200	0.00021	0.00035		
<b>Sb</b> mass content [%]						
<b>Sc</b> mass content [%]						
<b>Se</b> mass content [%]						
<b>Sn</b> mass content [%]					0.10	
<b>Sr</b> mass content [%]						
<b>Ta</b> mass content [%]						
<b>Tl</b> mass content [%]						
<b>V</b> mass content [%]					0.011	
<b>W</b> mass content [%]						
<b>Zr</b> mass content [%]						

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Date: 15.04.2021

Product Catalog v2.1

## Reference Material catalog - Suisse Technology Partners Ltd.

	1xxx SUS				2xxx SUS				3xxx SUS	4xxx SUS		
	310	9630	RC10/02	RC11/07	9321	9632	RC20/01	RC20/02	9627	20001	2001	2150
<b>Si</b> mass content [%]	(0.16)	(0.1)	(<0.002)	(0.028)	(0.07)	(0.8)	(0.03)	(0.029)	(0.2)	(5.4)	(8.5)	(10.6)
<b>Fe</b> mass content [%]	(0.58)	(0.46)	(<0.001)	(0.046)	(0.13)	(0.32)	(0.05)	(0.061)	(0.57)	(0.48)	(0.7)	
<b>Cu</b> mass content [%]	(0.0037)	(0.062)	(<0.0002)	(0.015)	(4.2)	(4.1)	(6)	(6.0)	(0.13)	(3.1)	(2.9)	(0.6)
<b>Mn</b> mass content [%]	(0.0078)	(0.0123)	(<0.0002)	(0.016)	(0.02)	(0.71)	(0.3)	(0.24)	(1.06)	(0.22)	(0.23)	(0.4)
<b>Mg</b> mass content [%]	(0.0003)	(0.0006)	(<0.0003)	(0.018)	(0.27)	(0.48)	(0.2)	(0.29)	(0.0004)	(0.23)	(0.22)	(0.9)
<b>Cr</b> mass content [%]	(0.0028)	(0.0216)	(<0.0002)	(0.011)		(0.0181)			(0.0223)			(0.06)
<b>Ni</b> mass content [%]	(0.004)	(0.008)	(0.0002)	(0.010)	(0.01)		(1.5)	(1.45)	(0.001)	(0.03)	(0.05)	(0.5)
<b>Zn</b> mass content [%]	(0.017)	(0.054)	(<0.0005)	(0.020)	(0.04)	(0.033)	(0.3)	(0.24)	(0.057)	(0.14)	(0.13)	(1.2)
<b>Ti</b> mass content [%]	(0.004)	(0.018)	(0.0004)	(0.015)	(0.21)	(0.022)			(0.022)	(0.07)	(0.08)	(0.3)
<b>Ag</b> mass content [%]			(<0.0002)	(0.010)			(0.6)	(0.73)				(0.9)
<b>As</b> mass content [%]				(0.005)								
<b>B</b> mass content [%]			(<0.0002)									
<b>Ba</b> mass content [%]			(<0.0001)	(0.001)								
<b>Be</b> mass content [%]			(<0.0001)	(0.002)								
<b>Bi</b> mass content [%]			(<0.0002)	(0.010)			(0.4)	(0.38)				(0.02)
<b>Ca</b> mass content [%]			(<0.0001)	(0.0024)						(0.0033)	(0.002)	
<b>Cd</b> mass content [%]	(<0.0002)	(0.0002)	(<0.0002)	(0.0049)			(0.05)	(0.036)	(<0.0001)			
<b>Ce</b> mass content [%]				(0.003)								
<b>Co</b> mass content [%]			(<0.0002)	(0.012)			(0.5)	(0.44)				(0.04)
<b>Ga</b> mass content [%]			(<0.0002)	(0.021)								
<b>Hg</b> mass content [%]	(<0.00002)	(0.0001)		(0.005)					(0.0001)			
<b>In</b> mass content [%]			(<0.0002)	(0.010)								(0.06)
<b>La</b> mass content [%]				(0.012)								
<b>Li</b> mass content [%]	(0.00004)	(0.00007)	(<0.0001)	(0.0008)					(0.00002)			
<b>Mo</b> mass content [%]				(0.026)								(0.04)
<b>Na</b> mass content [%]	(<0.00002)	(0.00003)	(<0.0001)	(0.0015)	(<0.00002)				(<0.00002)	(0.00004)		
<b>P</b> mass content [%]			(<0.0005)	(0.0029)						(0.001)		
<b>Pb</b> mass content [%]	(0.0019)	(0.0035)	(<0.0003)	(0.015)	(0.001)	(0.0096)	(0.5)	(0.41)		(0.01)	(0.07)	(0.8)
<b>Sb</b> mass content [%]			(<0.0003)	(0.012)			(0.2)	(0.20)				
<b>Sc</b> mass content [%]				(0.010)								
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]			(<0.0002)	(0.018)			(0.05)	(0.051)		(0.01)	(0.012)	(0.3)
<b>Sr</b> mass content [%]			(<0.0001)	(0.005)								(0.1)
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]			(<0.0002)	(0.017)								(0.02)
<b>W</b> mass content [%]				(0.0047)								
<b>Zr</b> mass content [%]			(<0.0002)	(0.015)		(0.033)	(0.2)	(0.17)	(0.01)			

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Product Catalog v2.1

Reference Material catalog - Suisse Technology Partners Ltd.

	4xxx SUS										5xxx SUS	
	9313	9326	9327	9415	9517	9520	9601	9809	RC40/02	RC41/01	10914	2004
<b>Si</b> mass content [%]	(8.8)	(12.8)	(12.8)	(11.7)	(6.4)	(6.6)	(17.3)	(5.5)	(13.2)	(5.9)	(0.9)	(1.1)
<b>Fe</b> mass content [%]	(0.1)	(0.15)	(0.15)	(0.53)	(0.48)	(0.1)	(0.43)	(0.5)	(1.19)	(0.4)	(0.2)	(0.11)
<b>Cu</b> mass content [%]	(0.003)	(0.01)	(0.01)	(1.24)	(2.8)	(0.012)	(1.21)		(1.03)	(5.1)	(0.3)	(0.08)
<b>Mn</b> mass content [%]	(0.005)	(0.005)	(0.005)	(0.12)	(0.25)	(0.005)	(0.12)			(0.5)		(0.07)
<b>Mg</b> mass content [%]	(0.32)	(0.003)	(0.003)	(1)	(0.3)	(0.34)	(1.09)		(1.09)	(0.09)	(1.2)	(6.1)
<b>Cr</b> mass content [%]										(0.03)		
<b>Ni</b> mass content [%]	(<0.002)	(0.003)	(0.003)	(0.86)	(0.02)	(0.003)	(1.1)	(1.9)		(0.02)		(0.07)
<b>Zn</b> mass content [%]	(0.01)	(0.01)	(0.01)	(0.07)	(0.2)	(0.017)	(0.07)		(6.03)	(1.3)		(7.7)
<b>Ti</b> mass content [%]	(0.12)	(0.006)	(0.006)	(0.02)	(0.13)	(0.12)	(0.08)		(0.20)	(0.03)	(0.05)	(0.06)
<b>Ag</b> mass content [%]												
<b>As</b> mass content [%]												
<b>B</b> mass content [%]												
<b>Ba</b> mass content [%]												
<b>Be</b> mass content [%]												(0.01)
<b>Bi</b> mass content [%]											(0.7)	
<b>Ca</b> mass content [%]	(0.0009)	(<0.0007)	(<0.0007)	(0.0006)	(0.009)	(0.0044)	(0.0026)		(0.0131)	(0.004)		(0.03)
<b>Cd</b> mass content [%]										(0.001)		(0.02)
<b>Ce</b> mass content [%]												
<b>Co</b> mass content [%]												
<b>Ga</b> mass content [%]										(0.01)		(0.03)
<b>Hg</b> mass content [%]												
<b>In</b> mass content [%]												
<b>La</b> mass content [%]												
<b>Li</b> mass content [%]												(0.01)
<b>Mo</b> mass content [%]												
<b>Na</b> mass content [%]	(<0.0004)	(<0.0004)	(<0.0004)	(0.00004)	(0.001)	(0.0005)	(0.0003)					(0.03)
<b>P</b> mass content [%]	(0.0011)	(0.0017)	(0.0017)	(0.0058)	(0.002)	(0.0009)	(0.0086)	(0.01)				
<b>Pb</b> mass content [%]	(<0.0004)	(0.001)	(0.001)	(0.01)	(0.02)	(<0.0001)	(0.006)		(0.10)	(0.02)	(0.8)	(0.04)
<b>Sb</b> mass content [%]	(<0.0003)	(<0.0003)	(<0.0003)	(0.01)	(0.01)	(<0.008)	(0.02)					
<b>Sc</b> mass content [%]									(0.20)			
<b>Se</b> mass content [%]												
<b>Sn</b> mass content [%]	(0.0004)	(0.0003)	(0.0003)	(0.01)	(0.01)	(0.0004)	(0.004)		(0.21)	(0.02)		(0.06)
<b>Sr</b> mass content [%]					(0.014)	(0.052)	(0.0058)		(0.14)	(0.02)		
<b>Ta</b> mass content [%]												
<b>Tl</b> mass content [%]												
<b>V</b> mass content [%]								(0.12)		(0.008)		
<b>W</b> mass content [%]												
<b>Zr</b> mass content [%]								(0.14)		(0.005)		(0.02)

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# Reference Material catalog - Suisse Technology Partners Ltd.

	5xxx SUS							6xxx SUS	7xxx SUS
	2004/1	2006	325	9324	9325	9614	RC50/02	RC60/02	9401
<b>Si</b> mass content [%]	(1.1)	(1.2)	(0.1)	(0.11)	(0.11)	(0.08)	(0.5)	(1.34)	(0.04)
<b>Fe</b> mass content [%]	(0.11)	(0.11)	(0.27)	(0.24)	(0.24)	(0.18)	(0.85)	(0.49)	(0.12)
<b>Cu</b> mass content [%]	(0.08)	(0.07)	(0.003)	(0.0055)	(0.0069)	(0.043)	(0.003)	(0.29)	(1.58)
<b>Mn</b> mass content [%]	(0.07)	(0.07)	(0.005)	(0.4)	(0.4)	(0.055)	(0.005)	(1.1)	(0.01)
<b>Mg</b> mass content [%]	(6.1)	(6.2)	(0.74)	(4.28)	(4.33)	(2.28)	(4.5)	(0.92)	(2.29)
<b>Cr</b> mass content [%]			(0.011)	(0.0007)	(0.0007)	(0.21)	(0.5)	(0.20)	(0.006)
<b>Ni</b> mass content [%]	(0.06)	(0.06)	(<0.001)			(0.01)	(0.5)	(0.10)	(0.007)
<b>Zn</b> mass content [%]	(7.7)	(7.8)	(0.021)	(0.014)	(0.014)	(0.051)	(0.02)	(0.10)	(5.84)
<b>Ti</b> mass content [%]	(0.06)	(0.06)	(0.01)	(0.005)	(0.005)	(0.019)		(0.21)	(0.032)
<b>Ag</b> mass content [%]									
<b>As</b> mass content [%]									
<b>B</b> mass content [%]			(0.0007)				(0.005)		
<b>Ba</b> mass content [%]							(0.02)		
<b>Be</b> mass content [%]	(0.01)	(0.01)		(0.0001)	(0.0001)		(0.005)		
<b>Bi</b> mass content [%]								(0.10)	
<b>Ca</b> mass content [%]	(0.03)	(0.03)	(0.0011)	(0.0003)	(0.0003)	(0.0009)	(0.02)		
<b>Cd</b> mass content [%]	(0.02)	(0.01)		(<0.0001)	(<0.0001)	(0.0001)	(0.2)		
<b>Ce</b> mass content [%]							(0.1)		
<b>Co</b> mass content [%]									
<b>Ga</b> mass content [%]	(0.03)	(0.03)					(0.03)	(0.011)	
<b>Hg</b> mass content [%]						(0.0004)			
<b>In</b> mass content [%]							(0.05)		
<b>La</b> mass content [%]							(0.1)		
<b>Li</b> mass content [%]	(0.01)	(0.01)					(0.003)		
<b>Mo</b> mass content [%]							(0.03)		
<b>Na</b> mass content [%]	(0.03)	(0.02)	(0.0001)	(<0.00002)	(<0.00002)	(0.00006)	(0.004)		(<0.00002)
<b>P</b> mass content [%]							(0.005)	(0.0045)	
<b>Pb</b> mass content [%]	(0.04)	(0.04)	(0.001)	(0.007)	(0.007)	(0.0057)			
<b>Sb</b> mass content [%]							(0.05)		
<b>Sc</b> mass content [%]									
<b>Se</b> mass content [%]									
<b>Sn</b> mass content [%]	(0.06)	(0.06)					(0.3)		
<b>Sr</b> mass content [%]							(0.02)		
<b>Ta</b> mass content [%]									
<b>Tl</b> mass content [%]									
<b>V</b> mass content [%]			(0.006)				(0.01)	(0.11)	
<b>W</b> mass content [%]							(0.04)		
<b>Zr</b> mass content [%]	(0.02)	(0.02)	(0.0005)			(0.02)	(0.01)		(0.13)

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