Supplier	Manufacturer 's code	Content	Composition	Dimension
JK	**27A**	**High Alloy Steel with Calcium**	%: Al: 0.0169; B: 0.0018; C: 0.0477; Ca: 0.0033; Co: 0.089; Cr: 16.76; Cu: 0.199; Mn: 1.589; Mo: 2.531; N: 0.0629; Ni: 12.04; P: 0.0222; Pb: 0.00016; S: 0.0168; Si: 0.411; Sn: 0.004; V: 0.041; W: 0.028; ppm: Ag: 0.4; Bi: Max: 0.05; Cd: Max: 4; Hg: Max: 0.1; Nb: 12; Sb: 11; Ti: Max: 0.01; U: Max: 0.02;	**D35x20mm**
MBH	**91X S63PR0 B**	**Lead Alloys, Solders**	%: Ag: 0.0097; As: 0.0094; Au: 0.0148; Bi: 0.0084; Cd: 0.0097; Cu: 0.0202; Fe: (0.0024); Hg: 0.004; In: 0.0048; Ni: 0.0018; Pb: Rest; Sb: 0.0182; Sn: 60.03; Te: 0.0034; Zn: Max: 0.0005;	**D40x15mm**
MBH	**41X ZSC1 A**	**Zinc RoHS Monitor**	%: Cd: 0.0288; Cr: 0.0039; Hg: 0.026; Pb: 0.0621;	**D50x20mm**
MBH	**41X ZSC2 A**	**Zinc RoHS Monitor**	%: Cd: 0.0016; Cr: 0.0036; Hg: 0.0053; Pb: 0.111;	**D50x20mm**
MBH	**41X ZSC3 A**	**Zinc RoHS Monitor**	%: Cd: 0.119; Cr: 0.0148; Hg: 0.0021; Pb: 0.0273;	**D50x20mm**
MBH	**41X ZSC4 A**	**Zinc RoHS Monitor**	%: Cd: 0.0131; Cr: 0.0299; Hg: 0.05; Pb: 0.156;	**D50x20mm**
MBH	**41X ZSC6 A**	**Zinc RoHS Monitor**	%: Cd: 0.215; Cr: Max: 0.0002; Hg: 0.029; Pb: 0.0077;	**D50x20mm**
NIST	**SRM 1728**	**Tin Alloys**	%: Ag: 0.4591; Cu: 3.06; Sn: (96.3); ppm: Al: (12); As: 96; Bi: 128; Cd: 58.2; Co: 57; Cr: 1.2; Fe: 111; Hg: 111.98; In: 31; Ni: 81.7; P: (10); Pb: 544; S: 34.9; Sb: 87; Si: (45); Zn: (156);	**D39x15mm**

MBH	**C71X SR20 F**	**Tin base**	%: Ag: 0.0305; Al: 0.0022; As: 0.007; Au: 0.0077; Bi: 0.0403; Cd: 0.0351; Co: 0.0064; Cr: 0.0031; Cu: 0.116; Fe: 0.0133; Ge: 0.0087; Hg: 0.14; In: 0.0597; Ni: 0.0183; P: (0.007); Pb: 0.151; Sb: 0.074; Te: 0.0246; Tl: 0.0051; Zn: 0.0058;	**50g**
MBH	**C71X SR00 C**	**Tin base**	%: Ag: 0.0024; Al: 0.0414; As: 0.0005; Au: 0.0012; Bi: 0.0029; Cd: 0.0024; Co: 0.0004; Cu: 0.0073; Fe: 0.004; Ga: 0.0054; Ge: 0.0021; Hg: 0.0099; In: 0.0088; Ni: 0.0025; P: 0.0004; Pb: 0.0457; Sb: 0.0055; Se: 0.0006; Te: 0.0021; Zn: 0.0053;	**50g**
MBH	**C41X Z20 P**	**Zinc base**	ppm: Al: 1.5; Bi: 11.6; Cd: 21.4; Cu: 20.1; Fe: 33.1; Hg: 15; In: 11.1; Mg: (3.3); Mn: 34.1; Ni: 11.1; Pb: 40; Sb: 2; Sn: 19.7; Tl: 11.2;	**50g**

Lead

Discs

Mass fraction in mg/kg ± estimated expanded uncertainty (*k*=2)

CRM-No.	**ERM®-EB107**	**ERM®-EB108**
Description	Pure lead	Pure lead
Year of issue	2015	2015
Cd	26,1 ± 1,1	26,0 ± 1,3
Hg	11,3 ± 0,9	8,3 ± 0,9

Aluminium, discs (continued)

Mass fraction in µg/g (**bold in %**) ± 95%-confidence interval

CRM-No.	ERM®-EB313 (BAM-313)	ERM®-EB314a	ERM®-EB316	ERM®-EB317
Description	AlMg3	AlSi11Cu2Fe	AlSi12	AlZn6CuMgZr
Year of issue	1997	2016	2009	2013
Si	**0,363 % ± 0,007 %+**	**11,51 ± 0,15 %**	**11,98 % ± 0,20 %+**	271 ± 22
Fe	**0,391 % ± 0,003 %+**	**0,992 ± 0,017 %**	**0,1054 % ± 0,0021 %+**	**0,112 % ± 0,003 %**
Cu	**0,0931 % ± 0,0014 %+**	**2,08 ± 0,07 %**	**0,0297 % ± 0,0008 %+**	**1,77 % ± 0,06 %**
Mn	**0,495 % ± 0,003 %+**	**0,404 ± 0,008 %**	**0,204 % ± 0,004 %+**	912 ± 19
Mg	**3,40 % ± 0,04 %+**	**0,196 ± 0,004 %**	**0,045 % ± 0,004 %+**	**2,39 % ± 0,07 %**
Cr	**0,1224 % ± 0,0012 %+**	**0,0574 ± 0,0012 %**	59,3 ± 2,6+	**0,141 % ± 0,003 %**
Ni	**0,0278 % ± 0,0006 %+**	**0,242 ± 0,006 %**	**0,0235 % ± 0,0011 %+**	359 ± 14
Zn	**0,158 % ± 0,002 %+**	**1,100 ± 0,015 %**	**0,0611 % ± 0,0012 %+**	**6,93 % ± 0,26 %**
Ti	**0,0947 % ± 0,0014 %+**	**0,188 ± 0,004 %**	**0,0790 % ± 0,0015 %+**	952 ± 156
Al	**(matrix)**	**(matrix)**	**(matrix)**	**(matrix)**
As	7,2 ± 0,7+	28 ± 7	–	–
B	–	–	(< 1,5)	(37 ± 32)
Be	5,5 ± 0,2+	4,65 ± 0,22	2,95 ± 0,17+	10,1 ± 0,8
Bi	95 ± 8+	92 ± 6	140 ± 7+	41 ± 6
Ag	–	–	(183 ± 10+)	73 ± 5
Ca	5,7 ± 0,8+	–	(11,3 ± 1,4+)	(6,0 ± 2,7)
Cd	7,4 ± 0,4+	5,2 ± 1,0	20,8 ± 1,5+	–
Co	–	74 ± 4	(< 1,5)	–
Ga	121 ± 5+	164 ± 4	105 ± 5+	183 ± 12
In	–	–	–	162 ± 11
Hg	4,1 ± 0,4+	–	(35 ± 7+)	–
Li	6,04 ± 0,12+	–	(1,00 ± 0,03+)	–
Mo	5,3 ± 1,9+	–	–	–
Na	37 ± 2,4+	–	–	–

P		–		–		–	(27	± 15)
Pb	43,3	± 2,8[+]	**0,189**	**± 0,010 %**	87	± 7[+]	48,1	± 2,3
Sb	8,7	± 1,9[+]	102	± 19	(56	± 5[+])		–
Sn	197	± 6[+]	**0,201**	**± 0,004 %**	(106	± 11[+])	237	± 18
Sr		–		–	260	± 7[+]		–
Tl	6,4	± 0,4[+]		–		–		–
V	299	± 6[+]	277	± 7	98	± 7[+]	105	± 7
Zr	359	± 19[+]	103	± 3	32,8	± 0,7[+]	**0,130 %**	**± 0,008 %**

(Values in parentheses are indicative values)

[+] Estimated expanded uncertainty with a coverage factor of k=2