



1.) Sample information

Material Identification: **Sn (Matte Tin)**
Testing Period: 10/July/2007

2.) Applied analytical techniques

Sample preparation: Pulverization/Homogenization of the sample material

Chromium, Lead, Cadmium: Inductively coupled plasma atomic emission spectrometry acc. EN ISO 11885 after extraction with aqua regia and digestion of the insoluble residue

Mercury: Cold vapor atomic absorption spectrometry acc. DIN EN 1483 after extraction with aqua regia and digestion of the insoluble residue

Bromine: Semi quantitative X-ray fluorescence analysis based on DIN 51001

3.) Analytical results

Parameter		Value	Limit according Directive 2005/618/EC	Comment
Cadmium (Cd)	mg/kg	< 1	100	
Lead (Pb)	mg/kg	< 1	1000	
Mercury (Hg)	mg/kg	< 1	1000	
Chromium, total (Cr)	mg/kg	< 0.01	1000	Hexavalent chromium, Cr (VI)
Bromine (Br) ² , calculated as Penta Bromo diphenyl ether	mg/kg	n.a. ³	1000 each	Sum of polybrominated diphenyl ethers and sum of polybrominated biphenyls

Revision: A

³ n.a. = not analysed

Compliance List:

RoHS Directive 2002/95/EC
WEEE Directive 2002/96/EC
ELV Directive 2000/53/EC

Based on the performed tests on the submitted sample, the results **indicate no conflict** with the above directives and its subsequent amendments.

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