



Indium Corporation of America®

Specialty Metals Division

- Certificate of Analysis and Conformance for Solder Products -

ORDER REFERENCE

Order: SM38127

P/N:

N/A

PO: 41189

PRODUCT CERTIFICATION

Product: 44.7Bi 22.6Pb 19.1In 8.3Sn 5.3Cd

Indium P/N: 05117

Lot Number:

LA85578

Date:

7-Dec-06

Alloy Integrity

Reported by: LAZ
Test Method(s): ICP

Major Elements:

Bi 45.220 %
Pb 22.660 %
In 18.690 %
Sn 8.230 %
Cd 5.200 %

Impurities:

0.013% Ag
< 0.0005% Al
< 0.0005% As
< 0.0005% Au
< 0.0005% Cr
0.001% Cu
< 0.001% Fe
< 0.001% Hg
< 0.0005% Ni
0.0046% Sb
< 0.0005% Zn

Total: 0.0186% (186 PPM) >99.9% Pure

RoHS Compliance:

	<u>Actual</u>	<u>RoHS Max.</u>
Pb	22.66%	0.1000%
Cd	5.2%	0.0100%
Total Cr	< 0.0005%	0.1000%
Hg	< 0.001%	0.1000%

Indium certifies that this product meets RoHS requirements if Pb or Cd is not part of the alloy constituency. Additionally, any product that is <99.9% pure is not certified to be RoHS compliant. Review RoHS directive for any applicable exemptions. Indium does not use any flame retardant in its products.

Comments:

CONFORMANCE STATEMENT

Indium Corporation of America certifies that all the material used in the manufacture of this order has been made in accordance with its standard procedures and practices. Test reports to substantiate the same are retained in Indium Corporation's files and are available for your examination during the agreed upon time.

Gery Keegan
Quality Assurance Department
Specialty Metals Division

APPROVING OFFICER

Pam Polchinski
Pam Polchinski
Quality Technician

This signature was created electronically.

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