



CERT. NO: SG04/00064



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SYMBOL OF QUALITY

QA008/0

**SINGAPORE ASAHI CHEMICAL & SOLDER INDUSTRIES PTE LTD**  
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### CERTIFICATE OF ANALYSIS

DATE : 23/06/08

INV NO : 99/2008

DESCRIPTION : Solder Bar Sn63/37

LOT NO : TB16068A1

		JIS Z 3282 :2006 Class A (Wt in %)	RESULT (Wt in %)
Tin	(Sn)	63 ± 0.5	63.03
Lead	(Pb)	Rem	Rem
Silver	(Ag)	0.1max	<0.0001
Copper	(Cu)	0.08max	0.0007
Indium	(In)	0.1max	0.0006
Aluminium	(Al)	0.001max	0.0001
Arsenic	(As)	0.03max	0.001
Bismuth	(Bi)	0.1max	0.0009
Cadmium	(Cd)	0.002 max	0.0007
Iron	(Fe)	0.02 max	0.003
Nickel	(Ni)	0.01max	<0.0001
Antimony	(Sb)	0.2max	<0.001
Zinc	(Zn)	0.001max	<0.0001

Remarks : Assay detailed above complies with : **JIS Spec.**

Certified By :

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Jamie Lim  
Quality Assurance Manager