



Cookson Electronics ASSEMBLY MATERIALS

4100 6th Avenue
Altoona PA 16602

K R Anderson Co Inc
18330 Sutter Blvd
Morgan Hill CA 95037

Certificate of Analysis/Compliance

Product Name/Item Description: BAR771A002 VAC Kilo Bar

Lot No.: 00407338 **Mfg Date:** July 18, 2005

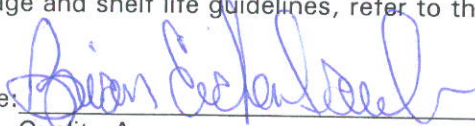
Sales Order#: 546035 **Customer Order#:** 106672

Units in percent of total

Characteristics	Min	Max	Results	Characteristics	Min	Max	Results	Test Methods
Tin	.0000	100.0000	B BALANCE	Cadmium	.0000	.0010	< .0010	ALT-WI-LAB-0024
Lead	.0000	.0500	.0130	Aluminum	.0000	.0010	< .0010	ALT-WI-LAB-0027
Copper	.4000	.6000	.4900	Indium	.0000	.0500	.0040	ALT-WI-LAB-0037
Arsenic	.0000	.0300	< .0010					ALT-WI-LAB-0006
Bismuth	.0000	.1000	.0150					ALT-WI-LAB-0016
Zinc	.0000	.0010	.0010					ALT-WI-LAB-0038
Iron	.0000	.0200	.0020					ALT-WI-LAB-0048
Silver	2.8000	3.2000	2.9600					
Antimony	.0000	.1000	.0150					
Nickel	.0000	.0100	< .0010					

We affirm that the product referenced in this certificate was manufactured in accordance with applicable instructions and controls, and conforms to the specification requirements listed above. The analysis results are internal quality control tests of a sample at time of manufacture, which are conducted using documented test methods.

For storage and shelf life guidelines, refer to the technical bulletin.

Signature:  for and on behalf of Cookson Electronics
Quality Assurance Assembly Materials