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IMR Report # 200404955 – Final Report-Revision 1 (Changed results to weight percent per customer request)

CERTIFICATE OF ANALYSIS

P.O. #: 0202591DS

RECEIVED

Six samples were received for lead, cadmium, hexavalent chrome, mercury, and bromine analysis and were identified as follows.

#3 Epoxy	
Glass Tube	
Label (green/red)	
Red Dye	
White Plastic Holder	
White Slurry	

SUMMARY

The samples were analyzed for the elements listed on the following page.

Reviewed by:

Timothy J. McGrady

Principal Scientist

Reviewed by:

Peter Damian

Chem. Dept. Manager

All procedures were performed in accordance with the IMR Quality Manual, current revision, and related procedures; and the PWA-MCL Manual F-23 and related procedures. The information contained in this test report represents only the material tested and may not be reproduced, except in full, without the written approval of IMR, Inc. IMR, Inc. maintains a quality system in compliance with the ISO/IEC 17025:1999 and is accredited by the American Association for Laboratory Accreditation (A2LA), certificates #1140.01 and #1140.02. IMR, Inc.'s liability to the customer or any third party is limited to the amount charged for services provided. All samples will be retained for a minimum of 6 months and may be destroyed thereafter unless otherwise specified by the customer. The recording of false, fictitious, or fraudulent statement or entries on this document may be punished as a felony under federal statutes.

CHEMISTRY

Element	#3 Epoxy	Glass Tube	Label (red/green)
Cd	<0.0004	<0.0004	<0.0004
Pb	<0.0004	< 0.0004	<0.0004

Element	Red Dye	White Plastic Holder	White Slurry
Cd	<0.0004	<0.0004	< 0.0004
Pb	0.0040	< 0.0004	< 0.0004

Results in weight percent unless otherwise indicated.

Method: CAP-046A (ICP-AES), BS EN 1122:2001 (modified).

HEXAVALENT CHROMIUM (VI)

Sample ID	Hexavalent Chrome (VI) (wt%)
#3 Ероху	<0.00001
Glass Tube	<0.00001
Label (red/green)	<0.00001
Red Dye	<0.00001
White Plastic Holder	<0.00001
White Slurry	<0.00001

Results in weight percent unless otherwise indicated.

Method: GMW3034 and HACH user program #4. Note that GMW3034 was modified to allow reporting of a value for Hexavalent Chromium. GMW3034 is based upon ISO 3613.

BROMINE ANALYSIS

Sample	Bromime (wt%)
#3 Epoxy	< 0.0050
Glass Tube	ND
Label (red/green)	< 0.0050
Red Dye	<0.0020
White Plastic Holder	< 0.0050
White Slurry	<0.0010

ND = Not determined.

Results in weight percent unless otherwise indicated.

Method: Motorola Material Assay Procedure 12G13933A20 (04-12-01 revision)

Detection limit based on sample size.

MERCURY ANALYSIS

Sample	Mercury (wt%)
#3 Epoxy	<0.0000001
Glass Tube	0.0000015
Label (red/green)	0.0000007
Red Dye	<0.0000001
White Plastic Holder	<0.0000001
White Slurry	<0.0000001

Results in weight percent unless otherwise indicated.

Method: Direct Mercury Analysis (DMA) as described by EPA 7473.