



Certificate of Analysis

Palladium Matrix Modifier at 5000 ug/mL

Catalog Number: IMM-002

Lot Number: G00326A

Job Number: J00005543

Lot Issue Date: 07/01/2008

Expiration Date: 07/31/2015

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below

Analyte	True Value			Analytical Method	NIST SRM
palladium	5000	±	25 µg/mL	ICP / ICP-MS	3138
*light sensitive					

Matrix: 2% nitric acid in low TOC water (< 50 ppb)

ULTRA uses purified acids, 18 megohm double deionized water, calibrated Class A glassware and clean bottles in the manufacture of ULTRAgrade standards. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.



ISO 9001 Registered Quality System – TUV USA


William J. Leary
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