

PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc., has assessed the Laboratory of:

***Heraeus Metal Processing, LLC
15524 Carmenita Road
Santa Fe Springs, CA 90670***

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025: 2005

This accreditation demonstrated technical competence for the following scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated June 18, 2005):

***Chemical Analysis of Precious Metals Containing Materials
(As detailed in the supplement)***

Such testing and/or calibration services shall only be offered at or from the address given above. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

The validity of this certificate is mandated through ongoing surveillance.

President/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
26555 Evergreen, Suite 1325
Southfield, Michigan 48076

Initial Accreditation Date:
July 01, 2008

Accreditation No.:
61759

Issue Date:
July 01, 2008

Certificate No.:
L08-43

Expiration Date:
June 30, 2010

Page No.:
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Certificate of Accreditation: Supplement

Heraeus Metal Processing, LLC
 15524 Carmenita Road
 Santa Fe Springs, CA 90670

Accreditation is granted to this facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical	Precious Metals Containing Materials	PM Content	Gravimetric/ICP per HMPc SOP	Varies with compound Range: 0.005% PM to 99.99% PM Detection Limit: 0.005% to 0.1%
		Halide Content	Auto Titrator/IC per HMPc SOP	Varies with compound Range: 0.001% (Cl ⁻) to 1.0% (Cl ⁻) Detection Limit: 0.000 1% to 0.01%
		Acid Content	Auto Titrator per HMPc SOP	Varies with compound Range: 1.0% to 50.0% Detection Limit: 0.2% to 1.0%
		Insoluble Content	Gravimetric per HMPc SOP	Varies with compound Range: 1.0% to 50.0% Detection Limit: 0.01% to 0.5%
		Impurities (BM) Content	ICP per HMPc SOP	Varies with compound Range: 0.000 5% (BM) to 1.0% (BM) Detection Limit: 0.000 02% to 0.001 2%