SCOPE OF ACCREDITATION TO ISO GUIDE 34:2009

SCP SCIENCE
21800 Clark Graham
Baie d'Urfe, Quebec H9X 4B6
CANADA
David Smith Phone: 514 457 0701
dsmith@scpscience.com

REFERENCE MATERIAL PRODUCER

Valid To: November 30, 2013 Certificate Number: 2885.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Reference Material Producer for the production of certified reference materials and reference materials of the following categories:

Category and Sub-Category of Reference Material	**Test, Analysis, Measurement** (Including ranges and uncertainties)	**Method**	**Measurement Technique** (Where appropriate)
Certified Reference Materials:			
Category A2.6 Pure Chemicals Aqueous Trace Metals Standards Single element, stock and custom blends containing the following elements: (Al, Sb, As, B, Ba, Be, Bi, Cd, Ca, Ce, Cs, Cr, Co, Cu, Dy, Er, Eu, Gd, Ga, Ge, Au, Hf, Ho, In, Ir, Fe, La, Pb, La, Li, Lu, Mg, Mn, Hg, Mo, Nd, Ni, Nb, Os, Pd, P, Pt, K, Pr, Re, Rh, Rb, Ru, Sm, Sc, Se, Si, Ag, Na, Sr, S, Ta, Te, Tb, Tl, Th, Tm, Sn, Ti, W, U, V, Yb, Y, Zn, Zr)	Stock single elements at 1000 and 10 000 µg/ml Stock and custom blends from (0.1 to 50 000) µg/ml Typical uncertainty less than 1%.	EPA 200.7 Modified	ICP-AES / ICP - MS

5301 Buckeystown Pike, Suite 350 | Frederick, Maryland 21704-8373 | Phone: 301 644 3248 | Fax: 301 662 2974 | www.A2LA.org

Category and Sub-Category of Reference Material	**Test, Analysis, Measurement** (Including ranges and uncertainties)	**Method**	**Measurement Technique** (Where appropriate)
Certified Reference Materials:			
Category A2.6 Pure Chemicals Aqueous Anions and Cations (Ammonia-Nitrogen, Bromate, Bromide, Chlorate, Chloride, Fluoride, Formate, Nitrate, Nitrate-Nitrogen, Nitrite, Nitrite-Nitrogen, Oxalate, Phosphate, Phosphate-Phosphorous, Sulfate, Sulfate-Sulfur, Ammonium, Barium, Calcium, Lithium, Magnesium, Potassium, Sodium, Strontium)	(0.1 to 50 000) µg/ml Typical uncertainty less than 1%.	Standard Method 4110 Modified	Ion Chromatography
Category A9.1 pH Standards	(1 to 10) pH units Typical uncertainty less than 1%.	EPA 150.1 Modified	Potentiometry
Category A9.3 Conductivity Standards	(5 to 100 000) µS Typical uncertainty less than 1%.	EPA 120.1 Modified	Electrochemical
Category A6.1 Metallo-organic compounds and A6.2 Wear metals in oil Single element, stock and custom blends containing the following elements: (Ag, Al, As, B, Ba, Be, Bi, Ca, Ce, Cd, Co, Cr, Cu, Fe, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Se, Si, Sn, Sr, Ti, V, W, Y, Zn)	Stock single elements at 100, 1000, 2000 and 5000 µg/g Stock and custom blends from (1 to 50 000) µg/g. Typical uncertainty less than 1%.	EPA 200.7 Modified	ICP-AES
Category A.6.1 Metallo-organic compounds: Sulfur in mineral oil, diesel, residual oil, isooctane, biodiesel	Stock and custom single element standards from (0 to 50 000) µg/g Typical uncertainty less than 1%.	ASTM D5453	UV-F
Category C6.2 Viscosity Standards	(3 to 30 000) mm^2/s (Centistokes) at 100 ºF (37.78 ºC) Typical uncertainty less than 1%.	ASTM D445/446	Master Viscometer

The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Reference Material Producer

A2LA has accredited

SCP SCIENCE

Baie d'Urfe, Quebec H9X 4B6, Canada

for technical competence as a

Reference Material Producer

This accreditation covers the specific materials listed on the agreed upon scope of accreditation. This producer meets the requirements of ISO Guide 34:2000 *General Requirements for the Competence of Reference Material Producers*, in combination with the relevant requirements of ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*.

Presented this 24th day of October 2011.

President & CEO
For the Accreditation Council
Certificate Number 2885.02
Valid to November 30, 2013

For materials to which this accreditation applies, please refer to the reference material producer's Scope of Accreditation.