

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/ACLASS

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Cerilliant Corporation 811 Paloma Drive, Suite A Round Rock, TX 78665

has been assessed by ACLASS and meets the requirements of international standard

ISO Guide 34:2009

while demonstrating technical competence in the field(s) of

Reference Material Producer

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of materials to which this accreditation applies.

AR-1353

Certificate Number

ACLASS Approval

Certificate Valid 11/19/2010-11/21/2012 Version No. 003



ANSI-ASQ National Accreditation Board/ACLASS

SCOPE OF ACCREDITATION TO ISO GUIDE 34:2000

Cerilliant Corporation

811 Paloma Drive, Suite A , Round Rock, TX 78665 Lara Sparks Phone: 512-310-5109

REFERENCE MATERIAL PRODUCER

Valid to: November 21, 2012 Certificate Number: AR-1353

Category and Sub-Category of Reference Material	Class or Type of Reference Materials Produced (include range where applicable)	Methods or Techniques Utilized in the RMP Laboratory if appropriate
Certified Reference Material (CRM) • Chemical	 Single and Multi-component organic materials either neat or in dilute organic or aqueous solvents. Dilutions range from (0.05 to 5) mg/ml. CRM Categories: Pharmaceutical substances Metabolites Intermediates Impurities and degradants Drugs of abuse High-purity environmental contaminants Polycyclic aromatic hydrocarbons Pesticides Dioxins and furans Chemical warfare verification compounds Explosives and highly reactive compounds Stable isotope labeled materials Ethanol / Alcohol Vitamins and Hormones Phytochemicals Dietary Supplements 	 Chromatography, USP -621 (HPLC and GC) Mass Spectrometry USP – 736 (LC-MS and GC-MS) Nuclear Magnetic Resonance (NMR) USP – 761 FTIR – USP 851 Water Determination – USP – 921 (Karl Fischer Analysis) Residual Solvent Limits – Cerilliant Method AM1087 (GC/FID Headspace) Neat and Dilute Organic Reference Materials Cerilliant Method AM1271 Residue on Ignition (sulfated ash) – USP-281 Optical rotation – USP 781 Quantitative Nuclear Magnetic Resonance (QNMR) – Cerilliant Method AM1370

Notes:

1. This scope is part of and must be included with the Certificate of Accreditation No. AR-1353

Vice President