



SCOPE OF ACCREDITATION TO ISO GUIDE 34:2009

RESTEK CORPORATION  
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REFERENCE MATERIALS PRODUCER

Valid To: January 31, 2018

Certificate Number: 3222.01

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:

<b>Category of Reference Material</b> <b>Certified Reference Material</b> <b>A8.1 Ethanol Reference Standards &amp; A3.1</b> <b>Pure Organic Compounds in Solvents<sup>1</sup></b>	<b>Concentration Ranges</b>	<b>Measurement Technique(s)</b>
Acetates Acrylates Alcohols Aldehydes Amides Amines Anilines Aroclors Aromatics (Volatiles) Carbamates Carbonyl-DNPH Derivatives Ethers Free Acid Herbicides Haloacetic Acids Haloethers Halogenated Alkanes Halogenated Alkenes Herbicide Methyl Esters High Boiling Point Fuels Ketones Low Boiling Point Fuels Methyl Esters n-Alkanes Nitriles Nitroaromatics	<p><b><u>Concentration Range:</u></b>            0.001 ng/mL to 100 000 µg/mL</p> <p><b><u>Uncertainty Range:</u></b>            (1.8 to 26.2) %</p>	GC/MS GC/µECD GC/FID Gravimetric LC/UV LC/MS Melting Point pH Refractive Index

<b>Category of Reference Material            Certified Reference Material            A8.1 Ethanol Reference Standards &amp; A3.1            Pure Organic Compounds in Solvents<sup>1</sup></b>	<b>Concentration Ranges</b>	<b>Measurement            Technique(s)</b>
Organohalide Herbicides Organohalide Pesticides Organonitrogen Herbicides Organonitrogen Pesticides Organophosphorous Pesticides Oxides Phenols Phthalates Polyaromatic Hydrocarbons (PAHs) Polychlorinated Biphenyls (PCBs) Pyridines Substances of Abuse: Cannabinoids Barbiturates Opiates/Morpholines Benzodiazepines Cocaine/Amphetamines Urons	<b><u>Concentration Range:</u></b> 0.001 ng/mL to 100 000 µg/mL  <b><u>Uncertainty Range:</u></b> (1.8 to 26.2) %	GC/MS GC/µECD GC/FID Gravimetric LC/UV LC/MS Melting Point pH Refractive Index

<sup>1</sup> This reference material producer is approved to produce Certified Reference Materials (CRM) for all items listed on the scope of accreditation.





## *Accredited Reference Material Producer*

A2LA has accredited

### **RESTEK CORPORATION**

*Bellefonte, PA*

This accreditation covers the specific materials listed on the agreed upon Scope of Accreditation.

This producer meets the requirements of ISO Guide 34:2009 *General Requirements for the Competence of Reference Material Producers*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.

Presented this 17<sup>th</sup> day of December 2015.

President & CEO  
For the Accreditation Council  
Certificate Number 3222.01  
Valid to January 31, 2018  
Revised December 19, 2017



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