



Reference Materials Producer
Cert. #2495.01

SPEXertificate®

Certificate of Reference Material



Chemical Testing
Cert. #2495.02

Catalog Number: S-2455
Description: Methyl-tert-butyl ether
Matrix: Methanol (Purge & Trap Grade)

Lot No. TS170921015

Ship Date: 9-22-2017
Expiration Date: 9-21-2020

This SPEXOrganics® Certified Reference Material, CRM, is intended primarily for use as a calibration standard or quality control standard for organic chromatography instrumentation such as GC, GC/MS, LC, and LC/MS. It can be employed in US EPA, ASTM and other methods relevant to the certified properties listed below.

Certified Compounds:

<u>Compound</u>	<u>CAS #</u>	<u>Labeled</u>	<u>Purity</u>	<u>Certified</u>	<u>Uncertainty</u>
Methyl-tert-butyl ether	1634-04-4	1,000 µg/mL	99.8%	1,001 µg/mL	± 36 µg/mL

Final Solution Verification:

Final solution integrity verified by Gas Chromatography/Mass Spectrometry. The mass spectrum of each compound was confirmed against the NIST mass spectral database.

† Certified concentration based on gravimetric weights and corrected for the purity of the compound(s) used to prepare the standard. Analytical balance calibration is verified daily with C1 weight set #23-190006 which is registered with Atlantic Scale, and traceable to NIST and NJ Division of Weights and Measures.

This CRM is guaranteed stable and accurate to within the uncertainty listed for the certified value. This includes uncertainty components due to preparation, homogeneity, short-term and long-term stability. During the stated period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution. For further information, contact the Sales Support Department at CRMSales@spex.com.

Date of Certification: 9-22-2017

Certifying Officer:

