

Date Received: _____

Certificate of Analysis

Rev 0

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Catalog No.: 123838-01	Lot No.: 452372	Storage: ≤ -10 °C	Solvent: P/T Methanol	Exp. Date: 29-Jun-2022	Description: Custom Volatile Mixture, 10-3838, 100 mg/L, 1 ml
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Compound	CAS No.	Purity (%)	Neat Material Lot No.	Concentration
4-Ethyl-o-xylene	934-80-5	99.7	5631.247.1.2P	100.1 ± 1.11 mg/L
allyl chloride	107-05-1	98.9	227.1.2P	100.8 ± 1.45 mg/L
1,3-butadiene	106-99-0	99	321.158.2P	101.5 ± 1.46 mg/L
tert-butyl ethyl ether (ETBE)	637-92-3	99.6	460.9.1P	101.1 ± 1.05 mg/L
(+)-limonene	5989-27-5	99.3	4375.7.2P	99.7 ± 2.01 mg/L
methyl t-butyl ether	1634-04-4	99.98	208.24.3P	100.2 ± 1.04 mg/L
1,2,3-trimethylbenzene	526-73-8	93.3	869.421.1P	99.94 ± 2.07 mg/L
tetraethyllead	78-00-2	100	1092.237.2P	99.95 ± 2.25 mg/L
1,2,4,5-tetramethylbenzene	95-93-2	99.9	2327.7.2P	100.1 ± 1.04 mg/L
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	99	270.158.3P	100.1 ± 1.44 mg/L



Certified By: _____

Dominique Lindner
Manufacture Date 9-Jun-2021

Follow all storage requirements, keep tightly closed when not in use, and use good laboratory practices when handling.
This Reference Material was manufactured, produced, and/or certified under a quality management system that is accredited to ISO 17034 and ISO/IEC 17025.

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.
The stated uncertainty is the expanded uncertainty with a coverage factor of two to give a 95% confidence level.