

Certificate of Analysis

Reference Material

Product Name:	VOC Mix 9	Catalogue Number:	MCEM591023-ME
Appearance:	Colourless Liquid	Lot Number:	0815-RD-0103
Solvent:	Methanol	Storage:	Room Temp Protected from light and Sealed
Expiry Date:	Feb 21, 2024		
Chemical Structure:	N/A		

Warning:



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Ethylbenzene	100-41-4	1002.4	2
2	M-Xylene	108-38-3	995.1	2
3	Benzene	71-43-2	993.4	2
4	Toluene	108-88-3	1004.0	2
5	O-Xylene	95-47-6	1000.8	2
6	Cumene	98-82-8	1011.3	2
7	P-Xylene	106-42-3	1001.9	2
8	Styrene	100-42-5	999.2	2
9	N-Propylbenzene	103-65-1	1002.0	2

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of $K=2$ is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Feb 22, 2022

Date: Aug 16, 2022

Date: Aug 16, 2022

