

Certificate of Analysis

Reference Material

Product Name:	Chlorobenzenes Mix 12	Catalogue Number:	MCEM591020-ME
Appearance:	Colourless Liquid	Lot Number:	0815-RD-0101
Solvent:	Methanol	Storage:	Room Temp Protected from light and Sealed
Expiry Date:	Apr 14, 2024		
Chemical Structure:	N/A		

Warning:



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	1,2,3,4-Tetrachlorobenzene	634-66-2	100.1	3
2	1,2,3-Trichlorobenzene	87-61-6	100.4	3
3	1,2,3,5-Tetrachlorobenzene	634-90-2	99.4	3
4	1,2,4-Trichlorobenzene	120-82-1	102.0	3
5	Hexachlorobenzene	118-74-1	99.3	3
6	1,2-Dichlorobenzene	95-50-1	100.7	3
7	1,2,4,5-Tetrachlorobenzene	95-94-3	98.7	3
8	1,3-Dichlorobenzene	541-73-1	101.6	3
9	1,4-Dichlorobenzene	106-46-7	99.4	3
10	1,3,5-Trichlorobenzene	108-70-3	100.7	3
11	Pentachlorobenzene	608-93-5	100.3	3
12	Chlorobenzene	108-90-7	99.6	3

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: Apr 15, 2022

Date: Aug 16, 2022

Date: Aug 16, 2022

