

Certificate of Analysis

Product	Dichloromethane	Batch No.	: 21 05 0147
Grade	HPLC	Manufacturing date	: 20/05/2021
Code No.	LC1040A	Best before	: 05/2025

Items	Descriptions	Specifications		Test Results
1	Assay (by GC.)	99.9%	min.	99.9%
2	Appearance	Clear and colorless liquid		Clear and colorless liquid
3	Identity (IR)	Passes test		Passes test
4	Color (APHA)	10	max.	< 10
5	Water (by Coulometry)	0.01%	max.	0.005%
6	Acidity (mEq./g.)	0.0002	max.	< 0.0002
7	Alkalinity (mEq./g.)	0.0002	max.	< 0.0002
8	Residue on Evaporation	0.0003%	max.	< 0.0003%
9	Free Chlorine (Cl)	0.0002%	max.	< 0.0002%
10	UV Transmission Levels (%T)			
	260 nm	99%	min.	99.9%
	250 nm	98%	min.	98.5%
	245 nm	90%	min.	94.1%
	240 nm	75%	min.	81.0%
	235 nm	40%	min.	49.3%
11	Fluorescence (as quinine)			
	at 254 nm	1 ppb	max.	< 1 ppb
	at 365 nm	1 ppb	max.	< 1 ppb

Stabilized with about 50 ppm amylene.

Product passed through 0.2 micron final filter.

This is to certify the above batch has been tested and complies with this specification.

Ladaphan.

Chemist

Achan.

Technical Manager