

## Certificate of Analysis

<b>Product</b>	Dichloromethane	<b>Batch No.</b>	: 21 05 0148
<b>Grade</b>	HPLC	<b>Manufacturing date</b>	: 20/05/2021
<b>Code No.</b>	LC1040A	<b>Best before</b>	: 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.	80.8%
	235 nm	40% min.	48.9%
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