

## Certificate of Analysis

<b>Product</b>	Acetonitrile	<b>Batch No.</b>	: 21 06 0212
<b>Grade</b>	HPLC	<b>Manufacturing date</b>	: 21/06/2021
<b>Code No.</b>	LC1005	<b>Best before</b>	: 06/2025

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)	0.02% max.	0.011%
6	Acidity (mEq./g.)	0.0005 max.	< 0.0005
7	Alkalinity (mEq./g.)	0.0002 max.	< 0.0002
8	Residue on Evaporation	0.0002% max.	< 0.0002%
9	UV Transmission Levels (%T)		
	250 nm	99% min.	99.9%
	240 nm	98% min.	99.8%
	230 nm	97% min.	99.3%
	210 nm	93% min.	95.4%
	195 nm	70% min.	80.1%
10	Fluorescence (as quinine)		
	at 254 nm	0.5 ppb max.	< 0.5 ppb
	at 365 nm	0.5 ppb max.	< 0.5 ppb

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