

Certificate of Analysis

Product	Acetonitrile	Batch No.	: 21 05 0143
Grade	HPLC	Manufacturing date	: 21/05/2021
Code No.	LC1005	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)	0.02% 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.	99.8%
	240 nm	98% min.	99.6%
	230 nm	97% min.	99.2%
	210 nm	93% min.	94.6%
	195 nm	70% min.	78.9%
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