

Certificate of Analysis

Product	Acetonitrile	Batch No.	: 21 05 0208
Grade	Far UV for HPLC	Manufacturing date	: 21/05/2021
Code No.	LC1007	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.	0.01%
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)			
	230 nm	99%	min.	99.9%
	220 nm	98%	min.	99.8%
	210 nm	90%	min.	99.1%
	200 nm	80%	min.	98.4%
	190 nm	30%	min.	37.0%
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