

Certificate of Analysis

Product	Acetone	Batch No.	: 21 01 0029
Grade	HPLC	Manufacturing date	: 11/01/2021
Code No.	LC1003	Best before	: 01/2025

Items	Descriptions	Specifications	Test Results
1	Assay (by GC.)	99.8% 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)	0.2% max.	0.17%
6	Acidity (mEq./g.)	0.0002 max.	< 0.0002
7	Alkalinity (mEq./g.)	0.0002 max.	< 0.0002
8	Residue on Evaporation	0.0002% max.	< 0.0002%
9	Aldehyde (as HCHO)	0.002% max.	< 0.002%
10	Methanol (GC.)	0.05% max.	< 0.05%
11	Propan-2-ol (GC.)	0.05% max.	< 0.05%
12	Solubility in water	Passes test	Passes test
13	Substances reducing permanganate	Passes test	Passes test
14	UV Transmission Levels (%T)		
	355 nm	99% min.	99.9%
	350 nm	98% min.	99.4%
	340 nm	85% min.	89.2%
	335 nm	50% min.	64.1%
15	Fluorescence (as quinine)		
	at 365 nm	1 ppb max.	< 1 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