

Certificate of Analysis

Product	Acetone	Batch No.	: 21 06 0221
Grade	HPLC	Manufacturing date	: 16/06/2021
Code No.	LC1003	Best before	: 06/2025

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.	0.16%
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.	99.8%
	350 nm	98%	min.	99.1%
	340 nm	85%	min.	88.3%
	335 nm	50%	min.	62.2%
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