

Certificate of Analysis

Product Propan-2-ol	Batch No. : 21 06 0038
Grade HPLC	Manufacturing date : 15/06/2021
Code No. LC1162	Best before : 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)	0.03%	max.	0.012%
6	Acidity (mEq./g.)	0.0005	max.	< 0.0005
7	Alkalinity (mEq./g.)	0.0002	max.	< 0.0002
8	Residue on Evaporation	0.0003%	max.	< 0.0003%
9	Carbonyl Compounds (as propionaldehyde or acetone)	0.002%	max.	< 0.002%
10	Solubility in water	Passes test		Passes test
11	UV Transmission Levels (%T)			
	250 nm	99%	min.	99.9%
	240 nm	98%	min.	99.5%
	230 nm	80%	min.	98.3%
	220 nm	60%	min.	95.7%
	210 nm	40%	min.	80.5%
12	Fluorescence (as quinine)			
	at 254 nm	1 ppb	max.	< 1 ppb
	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