

Certificate of Analysis

Product Propan-2-ol	Batch No. : 21 06 0243
Grade HPLC	Manufacturing date : 30/06/2021
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.	99.4%
	230 nm	80% min.	98.4%
	220 nm	60% min.	96.5%
	210 nm	40% min.	80.9%
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