

Certificate of Analysis

Product	Tetrahydrofuran	Batch No.	: 21 06 0121
Grade	HPLC	Manufacturing date	: 23/06/2021
Code No.	LC1200	Best before	: 06/2022

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.	0.013%
6	Acidity (mEq./g.)	0.0002	max.	< 0.0002
7	Alkalinity (mEq./g.)	0.0002	max.	< 0.0002
8	Residue on Evaporation	0.0001%	max.	< 0.0001%
9	Peroxide (as H ₂ O ₂)	0.01%	max.	< 0.01%
10	UV Transmission Levels (%T)			
	280 nm	99%	min.	99.9%
	250 nm	80%	min.	95.2%
	240 nm	70%	min.	91.8%
	230 nm	35%	min.	81.2%
	218 nm	30%	min.	49.2%
11	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