

Certificate of Analysis

Product Grade Code No.	n-Heptane 95% HPLC LC1078	Batch No. Manufacturing date Best before	 21 05 0135 23/05/2021 05/2025
Items	Descriptions	Specifications	Test Results
1	Assay (by GC.)	95.0% min.	99.1%
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)	0.01% max.	0.005%
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	Substances darkened by sulfuric acid	Passes test	Passes test
10	UV Transmission Levels (%T)		
	250 nm	99% min.	99.8%
	240 nm	98% min.	99.3%
	230 nm	95% min.	98.0%
	220 nm	80% min.	94.3%
	210 nm	60% min.	84.0%
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

Schon .

Chemist

Technical Manager