

Certificate of Analysis

Product	n-Methyl-2-Pyrrolidone	Batch No.	: 21 04 0232
Grade	For GC Analysis	Manufacturing date	: 30/04/2021
Code No.	GC1123	Best before	: 04/2023

Items	Descriptions	Specifications	Test Results
1	Description	A clear, colorless liquid	Passes test
2	Assay (by GC.)	99.7% min.	99.9%
3	Weight per ml (at 20 °C)	1.030 - 1.033 g	1.030 - 1.033 g
4	Identity (IR)	Passes test	Passes test
5	Color (APHA)	10 max.	< 10
6	Water (by Coulometry)	0.05% max.	0.014%
7	Acidity (mEq./g.)	0.0005 max.	< 0.0005
8	Residue on Evaporation	0.0005% max.	< 0.0005%
9	UV Transmission Levels (%T)		
	350 nm	99% min.	99.9%
	330 nm	95% min.	98.8%
	310 nm	80% min.	96.1%
	290 nm	70% min.	87.0%
	280 nm	50% min.	75.9%

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