



CERTIFICATE OF ANALYSIS

Product: *n*-Hexane, Laboratory grade

Order No.: 219.05.01000.01

Batch No/Lot No: 219.05.03-I21.21

Quantity: 1Lit

Date of Production: 21/09/2021

Retest Date: 21/09/2023

Row	Test Item	Specification	Results	Reference
1	Description	Clear, colorless liquid, having a characteristic odor is flammable.	Conforms	Merck standard
2	Solubility	Miscible with organic solvents, In soluble in water.	Conforms	Merck standard
3	Identification A (IR)	According to reference standard spectrum.	Conforms	Merck standard
4	Identification B (GC)	The retention time of the major peak in chromatogram of the assay preparation corresponds to that in the chromatogram of the standard preparation as obtained in the assay.	Conforms	Merck standard
5	Acidity	N.M.T 0.002 %	0.0002	Merck standard
6	Readily carbonizable substances	No discoloration develops.	Conforms	Merck standard
7	Density @ 20°C	Between (0.659 - 0.662) g/cm ³	0.662	Merck standard
8	Water	N.M.T 0.02%	0.007	Merck standard
9	Assay	N.L.T 85.0 % of isomers + Methyl cyclopentane	98.4	In house

QC. Manager: Ms. Iravani

Qualified Person: Dr. Mojallali

Status:



Date: 22.09.2021

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