

CERTIFICATE OF ANALYSIS

Product Name	Tetrahydrofuran Dry Solvent		
Synonyms	THF		
CAS No	109-99-9		
Product code	SY00081	Batch No	LTHBF0113
Molecular Formula	C4H8O	Molecular Weight	72.11
Mfg. Date	Jan-25	Expiry Date	Dec-28
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	Clear colourless liquid	Clear colourless liquid
Water K.F(W/W)	≤0.1%w/w	0.03%w/w
Boiling Point	66 °C	66 °C
IR Spectrum	Identification by structure	Confirmed
Assay by GC	≥99.50%	99.95%
Density (g/ml) @ 20°C	0.886-0.888	0.887
Refractive Index (20°C)	1.406-1.408	1.407
Non-Volatile Matter	NMT 0.0005%	0.0005%
Peroxide (H2O2)	NMT 0.05%	0.05%
Stabilizer (BHT)	250 PPM	250 PPM

Approved by
Dr. Gopinath PH. D

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