

### CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Chloroform HPLC grade		
<b>Synonyms</b>	Chloroform		
<b>CAS No</b>	67-66-3		
<b>Product code</b>	SY00232	<b>Batch No</b>	LCLBF0431
<b>Molecular Formula</b>	CHCl <sub>3</sub>	<b>Molecular Weight</b>	119.37
<b>Mfg. Date</b>	Apr-26	<b>Expiry Date</b>	Mar-29
<b>Storage Conditions</b>	Store at room temperature, tightly closed container		

Test	Specification	Results
<b>Appearance</b>	Clear colourless liquid with a characteristic odour.	Clear colourless liquid with a characteristic odour.
<b>Assay (GC)</b>	≥99.00%	99.60 %
<b>Solubility</b>	Miscible with alcohol, ether.	Complies
<b>Boiling point</b>	60° - 62°C	60° C
<b>Residue on evaporation</b>	NMT 0.002%	0.001%
<b>Acidity(as HCl)</b>	NMT 0.01%	0.007%
<b>Water</b>	NMT 0.1%	0.04%
<b>UV TRANSMITTANCE</b>		
<b>Wavelength at 250 nm</b>	35%	40%
<b>Wavelength at 260 nm</b>	80%	85%
<b>Wavelength at 270 nm</b>	90%	92%
<b>Wavelength at 280 nm</b>	95%	96%
<b>Wavelength at 290 nm</b>	99%	99%

**Approved by**  
Dr. Gopinath PH. D

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