

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Toluene AR grade		
<b>Synonyms</b>	Toluene		
<b>CAS No</b>	108-88-3		
<b>Product code</b>	SY00170	<b>Batch No</b>	LTOBF0525
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>	<b>Molecular Weight</b>	92.14
<b>Mfg. Date</b>	May-26	<b>Expiry Date</b>	Apr-29
<b>Storage Conditions</b>	Store at room temperature, tightly closed container		

Test	Specification	Results
<b>Appearance</b>	A clear, colourless liquid.	A clear, colourless liquid.
<b>Miscibility</b>	Miscible with ethanol, acetone, ether, chloroform, benzene and carbon disulphide	Complies
<b>Boiling Point</b>	110.6°C	110.6°C
<b>Assay by GC</b>	≥99.50/0%	99.95%
<b>Density (g/ml) @ 20°C</b>	0.867	0.867
<b>Non-Volatile Matter</b>	NMT 0.0005%	0.00004%
<b>Acidity /Alkalinity</b>	NMT 0.0004%	0.00004%
<b>Water (KF)</b>	NMT 0.03%	0.0019%
<b>Substance discoloured by H<sub>2</sub>SO<sub>4</sub></b>	Passes Test	Complies

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

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