

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Acetic Acid Glacial, HPLC		
<b>Synonyms</b>	Acetic Acid		
<b>CAS No</b>	64-19-7		
<b>Product code</b>	SY00303	<b>Batch No</b>	LACBF0508
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>	<b>Molecular Weight</b>	60.05
<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>	Colourless volatile liquid	Colourless volatile liquid
<b>Moisture content (by K.F)</b>	NMT- 0.5 %	0.07 %
<b>Solubility</b>	Miscible with methanol and water	Complies
<b>Density (at 25° C)</b>	1.047-1.052 g/ml	1.049 g/ml
<b>Assay (By Titration)</b>	NLT-99.0 %	99.90%
<b>Non Volatile Matter</b>	max. 0.0005%	0.0002%
<b>%T (Transmission) in a 1cm cell v/s H<sub>2</sub>O</b>	.	.
<b>Transmission @255nm</b>	≥10	48
<b>Transmission @260nm</b>	≥70	83
<b>Transmission @270nm</b>	≥80	97
<b>Transmission @280nm</b>	≥90	99
<b>Transmission @290-400nm</b>	≥99	100

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

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