

### CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Octane-1-sulphonic acid sodium salt anhydrous HPLC		
<b>Synonyms</b>	1- Octane sulphonic acid sodium salt anhydrous		
<b>CAS No</b>	5324-84-5		
<b>Product code</b>	SY00138	<b>Batch No</b>	LOCBF0433
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> NaO <sub>3</sub> S	<b>Molecular Weight</b>	216.27
<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>	White free flowing powder or flakes.	White free flowing powder
<b>Assay (on Dried basis)</b>	≥99.00%	99.26 %
<b>Solubility</b>	1 gm/10 ml aq. solution is clear and colourless	Complies
<b>pH (10% aqueous solution)</b>	5.5 - 7.5	7.1
<b>MIN. UV Transmittance (0.005 M solution)</b>		
<b>Transmittance at wavelength 200 nm</b>	Min 70%	82%
<b>Transmittance at wavelength 220 nm</b>	Min 90%	98%
<b>Transmittance at wavelength 250 nm</b>	Min 98%	99%

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

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