

## CERTIFICATE OF ANALYSIS

<b>Product:</b>	<b>1-OCTANE SULPHONIC ACID SODIUM SALT 99% AR/HPLC (Anhydrous) (Sodium-1-Octane Sulphonate)</b>
<b>CAS# :</b>	<b>5324-84-5</b>
<b>Molecular Formula:</b>	<b>C8H17NaO3S</b>
<b>Formula Weight:</b>	<b>216.28</b>
<b>Lot No.:</b>	<b>320348</b>
<b>Expiry Date:</b>	<b>10/2027</b>
<b>Storage:</b>	<b>Room temperature, dry, tightly closed container.</b>

TESTS	SPECIFICATIONS	RESULTS
<b>Description:</b>	White crystalline powder	White crystalline powder
<b>Assay (Acidimetric; calculated on dried substance) :</b>	Min. 99.0%	99.29%
<b>Identity (IR spectrum) :</b>	Conforms	Conforms
<b>pH value (10%; water) :</b>	5.5 – 7.5	5.94
<b>UV-transmission 0.005 mol/l; 1cm in water at</b>		
<b>200 nm</b>	Min. 70.0%	84.6512%
<b>220 nm</b>	Min. 90.0%	98.4802%
<b>250 nm</b>	Min. 98.0%	99.4217%
<b>Loss on drying (120°C, vacuum)</b>	Max. 2.0%	0.62%
<b>Melting Point</b>	299 - 301°C	300°C
<b>Solubility in water</b>	Soluble in water	Soluble in water

\*This material is chemically synthesized.

