

CERTIFICATE OF ANALYSIS

Product:	1-HEPTANE SULPHONIC ACID SODIUM SALT (Anhydrous) AR/HPLC (Sodium-1-Heptane Sulphonate)
CAS# :	22767-50-6
Molecular Formula:	C7H15NaO3S
Formula Weight:	202.25
Lot No.:	240348
Expiry Date:	11/2027
Storage:	Room temperature, dry, tightly closed container.

TESTS	SPECIFICATIONS	RESULTS
Description:	White crystalline powder	White crystalline powder
Assay (Acidimetric; calculated on dried substance) :	Min. 99.0%	99.10%
Identity (IR spectrum) :	Conforms	Conforms
pH value (10%; water) :	5.5 – 7.5	6.7
UV-transmission 0.005 mol/l; 1cm in water at		
200 nm	Min. 70.0%	91.113%
220 nm	Min. 90.0%	95.728%
250 nm	Min. 98.0%	99.205%
Loss on drying (120°C, vacuum)	Max. 2.0%	2.0%
Melting Point	299-301°C	300°C
Solubility in water	Moderately Soluble in water (1-10%)	Moderately Soluble in water

*This material is chemically synthesized.

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Quality Inspector

