

CERTIFICATE OF ANALYSIS

Product Name	Pentane-1-sulphonic acid sodium salt monohydrate HPLC		
Synonyms	1- Pentane sulphonic acid sodium salt monohydrate		
CAS No	207605-40-1		
Product code	SY00131	Batch No	LPEBF0414
Molecular Formula	CH ₃ (CH ₂) ₄ SO ₃ Na · H ₂ O	Molecular Weight	192.21
Mfg. Date	Apr-26	Expiry Date	Mar-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	White flakes or crystalline powder	White crystalline powder
Assay (on Dried basis)	≥99.00%	99.56 %
Solubility	1 gm/10 ml aq. solution is clear and colourless	Complies
pH (10% aqueous solution)	5.5 - 7.5	7.1
MIN. UV Transmittance (0.005 M solution)		
Transmittance at wavelength 200 nm	Min 70%	80%
Transmittance at wavelength 220 nm	Min 90%	96%
Transmittance at wavelength 250 nm	Min 98%	99%

Approved by
Dr. Gopinath PH. D

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