



CERTIFICATE OF ANALYSIS

PRODUCT NAME : 1-PENTANE SULPHONIC ACID SODIUM SALT FOR HPLC (MONOHYDRATE)

CAS No : 22767- 49- 3
Mol. Formula : C₅H₁₁NaO₃S.H₂O
Mol. WT : 192.21
Date of Analysis : 29/03/22

Product code : 16730
Batch No. : MCR-25381
Mfd. : March 2022
Exp. : Feb. 2027

S. R	Test	Specification	Observation
1	Description	A white powder or White shiny crystalline powder.	A White shiny powder.
2	Assay	99%w/w min	99.32 %w/w
3	pH(10%aq.solution)	5.5 – 7.5	5.94
4	Loss on drying (120 ⁰ C)	7.8 – 9.6 %	9.2%
5	Minimum Transmission of 0.005 mol /L solution (in 1 cm cell vs H ₂ O)		
	200 nm	70%	9%4.1
	220 nm	90%	98.8%
	250 nm	98%	99.5%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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