



CERTIFICATE OF ANALYSIS

Date:24/11/12

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

CAS No : 22767- 49- 3
Mol. Formula : $C_5H_{11}NaO_3S.H_2O$
Mol. WT : 192.21

Product code : 16730
Batch No : MCR-6013
Mfd. : Nov. 2012

S. R	Test	Specification	Observation
1	Assay	99%w/w min	100.07 %w/w
2	pH(10%aq.solution)	5.5 – 7.5	5.99
3	Loss on drying (120 ⁰ C)	7.8 – 9.6 %	9.4%
4	Transmittance(0.005 mole/L)		
	wavelength	Min. transmission	Observation
	200 nm	70%	94.98%
	220 nm	90%	98.53%
	250 nm	98%	99.26%

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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