



Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

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CERTIFICATE OF ANALYSIS

Name Of Item : 1-OCTANESULPHONIC ACID **Formula :** $C_8H_{17}NaO_3S$
SODIUM SALT AR (anhydrous) (sodium-1-octanesulphonate)

M.W. : 216.28

Batch No. : O0024

CAS NO. : 5324-84-5

Cat. No. : AL13234

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Assay (acidimetric; calculated on dried substance)	Min. 99.0%	99.18%
Identity (IR-spectrum)	Conforms	Conforms
pH-value (10%; water)	5.5 – 7.5	7
UV-transmission 0.005 mol/l; 1cm in water at		
i) 200 nm	>70.0%	84.26%
ii) 220 nm	>90.0%	92.69%
iii) 250 nm	>98.0%	98.67%
Loss on drying (120°C, vacuum)	<2.0%	1.4%

Results : The above product complies with AR grade

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