



## CERTIFICATE OF ANALYSIS

**Name Of Item :** 1-HEXANESULPHONIC ACID                      **Formula :** C<sub>6</sub>H<sub>13</sub>NaO<sub>3</sub>S  
SODIUM SALT AR (sodium-1-hexanesulphonate) (anhydrous)

**M.W. :** 188.22

**Batch No. :** H0052

**CAS NO. :** 2832-45-3

**Cat. No. :** AL0455

**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%	99.78%
Identity (IR-spectrum)	Conforms	Conforms
pH-value (10%; water)	5.5 – 7.5	6.53
UV-transmission 0.005 mol/l; 1cm in water at		
i) 200 nm	>70.0%	75.2%
ii) 220 nm	>90.0%	92.65%
iii) 250 nm	>98.0%	98.9%
Loss on drying (120°C, vacuum)	<2.0%	<2.0%

**Results :** The above product complies with AR grade