

Gree Industry Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product name: Sodium dodecyl sulfate

Batch No.:G240418	Date of Manufacture:2024.4.18		
Cas:151-21-3	Date of Inspection:2024.4.18		
Items	Standard	Result	
Appearance	White powder	PASS	
Solubility(1%,ethanol)	Completely dissolved	PASS	
Solubility(3%, diH2O)	Completely dissolved	PASS	
Active matter(% ,dried basis)	≥99	99.84	
Petroleum ether soluble matter(%)	≤0.3	0.07	
Sodium sulfate (%)	≤0.2	0.09	
Sodium chloride(%)	≤0.1	0.003	
Water content(%)	≤1.0	0.89	
PH(1%, diH2O)	6.0-8.0	6.79	
Phosphate(ppm)	≤1	0.2	
Pb(ppm)	≤2	0.5	
Fe(ppm)	≤1	0.3	
N(ppm)	≤5	1	
As(ppm)	≤0.1	0.03	
Fraction content(% , GC)	≥99.0	99.53	
Absorbance(3%, diH2O)	230nm	≤0.400	0.028
	260nm	≤0.100	0.018
	280nm	≤0.075	0.009
	410nm	≤0.010	0.001

Analyst:LiuYan

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