

Certificate of Analysis

SDS, Sodium Dodecyl Sulfate , 99% Ultra Pure

Cat No : S0800

Lot No : 06092316

TEST	Specification	Result
Appearance	Fine White to Off White Powder	PASS
Identification	Confirmed	PASS
Purity (Dried based by GC)	≥ 99.0 %	≥ 99.9 %
C12 Alcohol	≥ 98 %	≥ 99.4 %
Chloride (Cl)	≤ 100 ppm	≤ 100
Copper, ppm	≤ 0.0005 %	≤ 0.0005 %
Heavy Metals (as Pb)	≤ 10 ppm	≤ 10
Iron (Fe)	≤ 1 ppm	≤ 1
Phosphate	≤ 1 ppm	≤ 1
Titration Base	≤ 0.06 meq/g	≤ 0.06
UV Absorbance @ 230nm , (3% in water)	≤ 0.4	0.4
UV Absorbance @ 280nm , (3% in water)	≤ 0.1	0.05
UV Absorbance @ 405nm , (3% in water)	≤ 0.1	0.01
Solubility (10% Solution in H ₂ O)	PASS	PASS
Filtration Test (20% Solution in water, 0.22 micron filter)	PASS	PASS
DNase, RNase, Protease	Not Detected	Not detected

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