

Certificate of Analysis

Product Name : Sodium dodecyl sulfate BioReagent, suitable for electrophoresis, Molecular Biology, ≥98.5% (GC)
Product Number : L3771-1KG
Batch Number : 0000451048
Source Batch : 0000395597
CAS Number : 151-21-3
MDL Number : MFCD00036175
Molecular Formula : C₁₂H₂₅NaO₄S
Formula Weight : 288.38 g/mol
Recommended Retest Date : Nov 2027
Quality Release Date : 20 Nov 2024

Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
200 mg/ml, H ₂ O		
Heavy Metals (as Lead)	≤ 10 ppm	≤ 10 ppm
Chloride	Pass	Pass
by Specific Ion Electrode < or = 500 ppm		
Phosphate (PO ₄)	≤ 10 ppm	≤ 10 ppm
A260 UV Absorption	≤ 0.1	0.0
3% in H ₂ O		
A280 UV Absorption	≤ 0.1	0.0
3% in H ₂ O		
Suitability	Suitable	Suitable
Suitable for use in denatured polyacrylamide gel electrophoresis		
Purity (GC)	≥ 98.5 %	99.7 %
Water (by Karl Fischer)	≤ 2.0 %	0.3 %
Sodium (Na)	7.0 - 9.0 %	8.5 %
by ICP		
DNase, Exonuclease Detection	None Detected	None Detected
RNase Detection	None Detected	None Detected

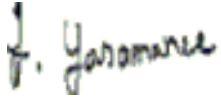
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Version Number: 01 Doc: 1221318

Page 1 of 2



Product L3771-1KG
Batch 0000451048



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

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Page 2 of 2

