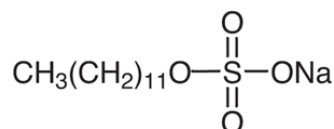


Product Specification

Product Name:

Sodium Dodecyl Sulfate, *PurBio*, For Electrophoresis, Molecular Biology, ≥98.5%

Product No.: PSR45732
Brand: PureSynth
CAS No.: 151-21-3
Molecular Formula: C₁₂H₂₅NaO₄S
Molecular Weight: 288.38 g/mol



Test	Specification
Appearance	White to Off-White Powder
Assay (By GC)	≥ 98.5 %
Solubility (200 mg/ml, H ₂ O)	Colorless to Faint Yellow Clear Solution
Water (By KF)	NMT 2.000 %
Chloride (Cl)	NMT 500 ppm
Heavy Metals (as Pb)	NMT 10 ppm
Phosphate (PO ₄)	NMT 10 ppm
Absorbance at 260 nm (3% w/v aqueous solution)	NMT 0.1
Absorbance at 280 nm (3% w/v aqueous solution)	NMT 0.1
Sodium Content (By ICP)	7.0 - 9.0 %
DNase Detection	Not Detected
RNase Detection	Not Detected
Suitability for use in denatured polyacrylamide gel electrophoresis	Complies

Specification: PB-1.0-QA/049

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com