

Certificate of Analysis

Date of Testing:	2023-02-20 13:09:18
Date of Next Testing:	2027-02-19 13:09:18
Product Name:	Lithium Dodecyl Sulfate
CAS Number:	2044-56-6
Specifications & Purity:	98%
Lot #:	B2314042
SKU #	L100859
Analysis:	127537
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Zinc(Zn)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Purity(GC)	98-100 (%)	98.09 %
Cadmium(Cd)	0-0.0005 (%)	0.00 %
Barium(Ba)	0-0.0005 (%)	0.00 %
Bismuth(Bi)	0-0.0005 (%)	0.00 %
Phosphate(PO4)	0-0.0001 (%)	0.00 %
Lithium(Li)	2-3 (%)	2.17 %
Free acids	0-0.2 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Strontium(Sr)	0-0.0005 (%)	0.00 %
(Pb)Lead	0-0.0005 (%)	0.00 %
Chloride Content	0-0.005 (%)	0.00 %
Cobalt(Co)	0-0.0005 (%)	0.00 %
Appearance (L100859)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager