

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-11 09:46:24
 Date of Next Testing: 2026-07-10 09:46:24
 Product Name: **L-Buthionine-sulfoximine(L-BSO)**
 CAS Number: 83730-53-4
 Specifications & Purity: $\geq 95\%$
 Lot #: G2208126
 SKU #: **B305771**
 Version: **0**
 Analysis #: **111735**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	42.3-44.1 (%)	43.22000 %
Purity(HPLC)	95-100 (%)	95.00000 %
Elemental analysis(Nitrogen)	12-13.1 (%)	12.60000 %
Specific rotation $[\alpha]_{20/D}(c=0.6, 1 \text{ N HCl})$	31-36 ($^{\circ}$)	35.70000 $^{\circ}$
Appearance (B305771Color)	White to off-white	White to off-white
Appearance (B305771Form)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O,Colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



John Su
 QA & QC Manager