

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-18 11:49:16

Date of Next Testing: 2027-07-17 11:49:16

Product Name: **L-Buthionine-sulfoximine(L-BSO)**

CAS Number: 83730-53-4

Specifications & Purity: $\geq 95\%$

Lot #: G2310014

SKU #: **B305771**

Version: **0**

Analysis #: **234996**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	42.3-44.1 (%)	43.29800 %
Purity(HPLC)	95-100 (%)	99.39000 %
Elemental analysis(Nitrogen)	12-13.1 (%)	12.54200 %
Specific rotation $[\alpha]_{20/D}(c=0.6, 1 \text{ N HCl})$	31-36 ($^{\circ}$)	33.84200 $^{\circ}$
Appearance (B305771Color)	White to off-white	White to off-white
Appearance (B305771Form)	Powder	Powder
Solubility in H ₂ O,Colorless to faint yellow clear to hazy,50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager