

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-18 14:38:53  
Date of Next Testing: 2028-07-17 14:38:53  
Product Name: **Glutathione reduced ethyl ester**  
CAS Number: 92614-59-0  
Specifications & Purity: 90%  
Lot #: G2411591  
SKU #: **G121372**  
Version: **0**  
Analysis #: **373413**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.38-13 (%)	12.02 %
Carbon by Elemental Analysis	35.71-44 (%)	41.33 %
Purity(HPLC)	90-100 (%)	99.60900 %
Appearance (G121372)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> O , clear colorless solution at 50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager