

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-04 10:21:19
 Date of Next Testing: 2028-06-03 10:21:19
 Product Name: **Sarcosine methyl ester hydrochloride**
 CAS Number: 13515-93-0
 Specifications & Purity: $\geq 98\%$
 Lot #: E2429507
 SKU #: **S117105**
 Version: **0**
 Analysis #: **325354**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by 0.1M NaOH)	97.5-102.5 (%)	100.86000 %
Sarcosine	≥ 3 (%)	3.05000 %
Melting point	110-120 (°C)	115.30000 °C
Water by Karl Fischer	0-2 (%)	0.36000 %
Purity(HPLC)	98-100 (%)	99.15100 %
Appearance (S117105)	white to faint beige powder	white to faint beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager