

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-19 17:15:57
 Date of Next Testing: 2030-01-18 17:15:57
 Product Name: **DL-Homocysteine thiolactone hydrochloride**
 CAS Number: 6038-19-3
 Specifications & Purity: $\geq 98\%$
 Lot #: A2616551
 SKU #: **H108030**
 Version: **2**
 Analysis #: **633529**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	198-208 (°C)	203.77000 °C
Specific rotation $[\alpha]_{20/D}(C=2.5, 5\text{mol/L HCl})$	-2~2 (°)	0.01300 °
Purity (Argentmetric Titration)	98-100 (%)	99.98000 %
Appearance (H108030)	white to grey powder or crystals	white to grey powder or crystals
Solubility in 5M HCl, 100mg/ml	Colorless to Light Brown, Clear to Hazy	Colorless to Light Brown, Clear to Hazy
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager