

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-11 16:14:14

Date of Next Testing: 2026-07-10 16:14:14

Product Name: **N-CBZ-Glycyl-glycyl-L-arginine 7-amido-4-methylcoumarin hydrochloride**

CAS Number: 102601-58-1

Specifications & Purity: 98%

Lot #: G2305342

SKU #: **N331437**

**Analysis:** **233185**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.07 %
Specific Rotation [α] <sub>20</sub> /D(c=0.3 in H <sub>2</sub> O)	-43.9~-39.9 (°)	-40.15 °
Water by Karl Fischer	0-3.5 (%)	2.68 %
Appearance(N331437)	White to Pale Yellow Solid	white to pale yellow solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager