

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-07 14:49:23  
Date of Next Testing: 2026-08-07 14:49:23  
Product Name: **(R)- $\beta$ -(Carbobenzoxyamino)- $\gamma$ -butyrolactone**  
CAS Number: 118399-28-3  
Specifications & Purity:  $\geq$ 98.0%(HPLC)  
Lot #: D1713178  
SKU #: **R138073**  
Version: **0**  
Analysis #: **396427**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.01700%
Melting point	105-109 (°C)	106.67000 °C
Specific Rotation [a] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	53-57 (°)	54.18°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager