

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-24 11:36:54  
Date of Next Testing: 2025-07-23 11:36:54  
Product Name: **RG108**  
CAS Number: 48208-26-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: G2312550  
SKU #: **R126814**  
**Analysis:** **242029**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88800 %
Purity(Neutralization titration)	98-102 (%)	100.42 %
Melting point	172-183 ( $^{\circ}\text{C}$ )	172.13000 $^{\circ}\text{C}$
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	-273--268 ( $^{\circ}$ )	-270.29 $^{\circ}$
Appearance (R126814)	light yellow to green yellow solid	light yellow to green yellow solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager