

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-24 11:20:49
Date of Next Testing: 2025-07-23 11:20:49
Product Name: **RG108**
CAS Number: 48208-26-0
Specifications & Purity: $\geq 98\%$
Lot #: G2312627
SKU #: **R126814**
Analysis: **242029**
Storage Temperature: Protected from light, Store at -20°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 $[\alpha]_{20}^{\text{D}}$ (c=1 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