

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-05 09:03:44  
Date of Next Testing: 2026-07-04 09:03:44  
Product Name: **(R)-(-)-Rolipram**  
CAS Number: 85416-75-7  
Specifications & Purity:  $\geq 97.0\%$   
Lot #: G2203418  
SKU #: **R160943**  
**Analysis: 097831**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Melting point	132-136 ( $^{\circ}\text{C}$ )	133.46000 $^{\circ}\text{C}$
Purity(HPLC)	97-100 (%)	99.22200 %
Specific Rotation $[\alpha]_{20}^{\text{D}}$ (c=0.5 in MeOH)	-34--29 ( $^{\circ}$ )	-33.98 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager