

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-29 09:43:34  
Date of Next Testing: 2029-07-28 09:43:34  
Product Name: **Rotenone**  
CAS Number: 83-79-4  
Specifications & Purity: Moligand™, ≥95%  
Lot #: G2510584  
SKU #: **R105076**  
Version: **0**  
Analysis #: **548743**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.73200 %
Specific Rotation [α] <sub>25</sub> /D(c=1.39 in CHCL <sub>3</sub> )	-122--114 (°)	-117.00000 °
Dimethyl phthalate	0-4 (%)	0.99100 %
Melting point	159-164 (°C)	163.98000 °C
Appearance (R105076)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager