

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-22 15:46:09

Date of Next Testing: 2026-09-21 15:46:09

Product Name: **Rotenone**

CAS Number: 83-79-4

Specifications & Purity: 95%

Lot #: I2208493

SKU #: **R105076****Analysis: 288651**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.94000 %
Specific Rotation [α] ₂₅ /D(c=1.39 in CHCL ₃)	-122--114 (°)	-119.24 °
Dimethyl phthalate	0-4 (%)	1.45 %
Melting point	159-164 (°C)	163.99000 °C
Appearance (R105076)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager