

Certificate of Analysis

Date of Testing: 2024-07-23 10:05:34
Date of Next Testing: 2028-07-22 10:05:34
Product Name: **Rotenone**
CAS Number: 83-79-4
Specifications & Purity: 95%
Lot #: G2409119
SKU #: **R105076**
Version: **0**
Analysis #: **391803**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.06100 %
Specific Rotation [a] _D ²⁵ (c=1.39 in CHCL ₃)	-122--114 (°)	-116.83 °
Dimethyl phthalate	0-4 (%)	2.50 %
Melting point	159-164 (°C)	163.97000 °C
Appearance (R105076)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager