

Certificate of Analysis

Date of Testing: 2024-12-30 14:17:41

Date of Next Testing: 2028-12-29 14:17:41

Product Name: **Rotenone**

CAS Number: 83-79-4

Specifications & Purity: $\geq 95\%$

Lot #: L2424468

SKU #: **R105076**

Version: **0**

Analysis #: **455680**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.83200 %
Specific Rotation $[\alpha]_{25/D}(c=1.39 \text{ in CHCL}_3)$	-122--114 (°)	-115.63 °
Dimethyl phthalate	0-4 (%)	0.00 %
Melting point	159-164 (°C)	163.94000 °C
Appearance (R105076)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager