

Certificate of Analysis

Date of Testing: 2025-01-14 10:47:06

Date of Next Testing: 2029-01-13 10:47:06

Product Name: **Rotenone**

CAS Number: 83-79-4

Specifications & Purity: $\geq 95\%$

Lot #: A2511010

SKU #: **R105076**

Version: **0**

Analysis #: **463168**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.82200 %
Specific Rotation $[\alpha]_{25}^D(c=1.39 \text{ in CHCL}_3)$	-122--114 (°)	-118.00 °
Dimethyl phthalate	0-4 (%)	3.00 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager