

Certificate of Analysis

Date of Testing: 2024-01-11 11:42:26
Date of Next Testing: 2028-01-10 11:42:26
Product Name: **Rotenone**
CAS Number: 83-79-4
Specifications & Purity: 95%
Lot #: A2405059
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