

Certificate of Analysis

Product Name:

Rotenone - $\geq 95\%$

Product Number:

R8875

Batch Number:

MKCX1422

Brand:

SIGMA

CAS Number:

83-79-4

MDL Number:

MFCD09025614

Formula:

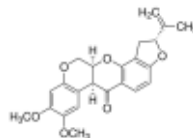
C₂₃H₂₂O₆

Formula Weight:

394.42 g/mol

Quality Release Date:

29 JAN 2025



Test	Specification	Result
Appearance (Color)	White to Yellow	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Very Faint Yellow to Yellow and Very Faint Brown-Yellow to Brown-Yellow	Very Faint Yellow
Solubility (Turbidity) 50 mg/ml In Chloroform	Clear to Slightly Hazy	Clear
Solvent Content by NMR	$\leq 4 \%$	0 %
Carbon	66.5 - 71.5 %	69.5 %
Specific Rotation C = 1.39 In Chloroform At 25 Degrees Celsius	-122 - -114 °	-118 °
Purity (HPLC)	$\geq 95.0 \%$	99.8 %

Larry Coers, Director

Quality Control

Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

