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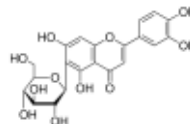
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
Isoorientin - ≥98% (HPLC)

Product Number: I1536
Batch Number: MKCF4521
Brand: SIGMA
CAS Number: 4261-42-1
Formula: C₂₁H₂₀O₁₁
Formula Weight: 448.38 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 21 DEC 2017



Test	Specification	Result
Appearance (Color)	Yellow	Light Yellow
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Yellow	Light Yellow
Solubility (Turbidity)	Clear	Clear
5 mg/mL, MeOH		
Proton NMR Spectrum	Conforms to Structure	Conforms
¹³ C NMR Spectrum	Conforms to Structure	Conforms
Purity (HPLC)	≥ 98 %	100 %

Michael Grady, Manager
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.