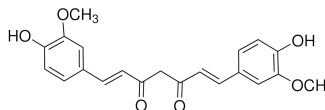


Certificate of Analysis

Product Name : Curcumin ≥94% (curcuminoid content), ≥80% (Curcumin)
Product Number : C7727-BULK
Batch Number : 0000394239
CAS Number : 458-37-7
MDL Number : MFCD00008365
Storage Temperature : -20°C
Molecular Formula : C₂₁H₂₀O₆
Formula Weight : 368.38 g/mol
Quality Release Date : 07 Nov 2024



Test	Specification	Result
Appearance (Color)	Yellow to Orange	Orange
Appearance (Form)	Powder	Powder
Solubility (Color)	Light Orange to Dark Orange	Dark Orange
Solubility (Turbidity)	Clear	Clear
1 mg/mL in 95% Ethanol		
Proton NMR Spectrum	Conforms to Structure	Conforms
¹³ C NMR Spectrum	Conforms to Structure	Conforms
Carbon	64.4 - 72.6 %	67.6 %
Purity (HPLC)	≥ 80 %	99 %
% Curcumin		
HPLC (Total Purity)	≥ 94 %	99 %
Total Curcuminoids		

Jagodige Yasomane, Supervisor

Quality Assurance

St. Louis, Dekalb

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1190283

Page 1 of 1

