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## Product Specification

Product Name:

Curcumin – ≥94% (curcuminoid content), ≥80% (Curcumin)

Product Number:

C7727

CAS Number:

458-37-7

MDL:

MFCD00008365

Formula:

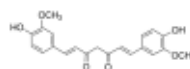
C<sub>21</sub>H<sub>20</sub>O<sub>6</sub>

Formula Weight:

368.38 g/mol

Storage Temperature:

-20 °C



### TEST

### Specification

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

Specification: PRD.1.ZQ5.10000009118

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](http://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.