

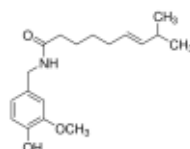
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Capsaicin - ≥95%, from Capsicum sp.

Product Number: **M2028**
CAS Number: 404-86-4
MDL: MFCD00017259
Formula: C₁₈H₂₇NO₃
Formula Weight: 305.41 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear
50 mg/ml CHCL ₃	
Solubility (Color)	Colorless to Faint Yellow
Carbon	69.4 - 72.2 %
Nitrogen	4.3 - 4.9 %
Proton NMR spectra	Conforms to Structure
¹³ C NMR SPECTRA	Conforms to Structure
Purity (HPLC)	≥ 95 %

Specification: PRD.0.ZQ5.10000062592

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.