

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Chetomin – from Chaetomium cochliodes, ≥98% (HPLC)

Product Number: C9623
CAS Number: 1403-36-7
Formula: C₃₁H₃₀N₆O₆S₄
Formula Weight: 710.87 g/mol
Storage Temperature: -20 °C

TEST	Specification
Appearance (Form)	Powder
Appearance (Colour)	White to Yellow
Solubility (Solvent)	Acetone
Solubility (Conc)	9.20 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Purity (HPLC)	≥ 98.00 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Methanol
NMR (% Solvent 1)	≤ 1.00 %
NMR (Residual Solvent 2)	Ethylacetate
NMR (% Solvent 2)	≤ 1.00 %
NMR (Residual Solvent 3)	Acetone
NMR (% Solvent 3)	≤ 1.00 %
NMR (Total % Resid.Solvents)	≤ 1.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000001634

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.