

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Ochratoxin A – from *Petromyces albertensis*, ≥98% (HPLC)

Product Number: O1877
CAS Number: 303-47-9
Formula: C₂₀H₁₈ClNO₆
Formula Weight: 403.8 AMU

TEST	Specification
------	---------------

Appearance (Form)	Powder
Appearance (Colour)	White to white with a Tan Cast
Solubility (Solvent)	Chloroform
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Light Yellow
Elemental Anal. (%C anhydrous)	59.18 - 59.78 %
Elemental Anal. (%N anhydrous)	3.17 - 3.77 %
Purity (HPLC)	≥ 98.0 %
NMR (Solvent)	CDCl ₃
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Ethylacetate
NMR (% Solvent 1)	≤ 2.00 %
NMR (Residual Solvent 2)	Petroleum Ether
NMR (% Solvent 2)	≤ 2.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000001283

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.