

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Orcein - synthetic, certified by the Biological Stain Commission

Product Number: **O7505**  
CAS Number: 1400-62-0  
MDL: MFCD00062310  
Formula: C<sub>28</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>  
Formula Weight: 500.51 g/mol

TEST	Specification
Appearance (Form)	Powder
E1%	≥ 250
574 to 582 nm, 0.01 M NaOH	
Wavelength	574 - 582 nm
Solubility (Color)	Purple to Dark Purple
Solubility (Turbidity)	Clear
1 mg/mL of 1 M NaOH	
Biological Stain Commission	Pass
Dye Code Number:	
Recommended Retest Period	-----
5 Years	

Specification: PRD.2.ZQ5.10000043099

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.

