

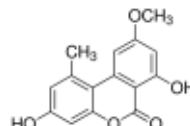
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## Product Specification

Product Name:  
Alternariol monomethyl ether from *Alternaria alternata* (tenuis)

Product Number: **A3171**  
CAS Number: 23452-05-3  
Formula: C<sub>15</sub>H<sub>12</sub>O<sub>5</sub>  
Formula Weight: 272.3 AMU



### TEST

### Specification

Appearance (Form)	Powder
Appearance (Colour)	White to Yellow and Faint Beige to Beige
Solubility (Solvent)	EtOH/DMF 3/1
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Yellow
Elemental Anal. (%C anhydrous)	65.67 - 66.67 %
Purity (TLC)	≥ 98.00 %
NMR (Solvent)	CDCl <sub>3</sub> /DMSO-d <sub>6</sub>
Identity by NMR	Consistent
UV (Solvent)	Ethanol
UV (Lambda max 1)	
UV (EmM at Lambda max 1)	
UV (Lambda max 2)	
UV (EmM at Lambda max 2)	
UV (Lambda max 3)	
UV (EmM at Lambda max 3)	
UV (Lambda max 4)	
UV (EmM at Lambda max 4)	
Recommended Retest Period	-----
3 Years	

Specification: PRE.4.ZQ5.1000003007

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.