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Certificate of Analysis

Product Name:

Pleuromutilin - $\geq 98\%$ (HPLC)

Product Number: SML0285
Lot Number: 032M4709V
Brand: SIGMA
CAS Number: 125-65-5
Formula: C₂₂H₃₄O₅
Formula Weight: 378.50 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 10 APR 2012

Test	Specification	Result
Appearance (Color)	White to Beige	white
Appearance (Form)	Powder	Powder
Elemental Composition C ₂₂ H ₃₄ O ₅	Pass	Pass
Purity (HPLC)	$\geq 95\%$	100 %
Specific Rotation (C= 1, CH ₂ Cl ₂)	30.0 - 40.0 °	34.8 °
Identity HPLC co-injection with standard	Confirmed	Conforms



Brendan Nye, QC Team Leader
Quality Control
Natick, Massachusetts US

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.