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Certificate of Analysis

Product Name:

Paclitaxel - from *Taxus brevifolia*, ≥95% (HPLC), powder

Product Number: T7402
Batch Number: 091M1781
Brand: SIGMA
CAS Number: 33069-62-4
MDL Number: MFCD00869953
Formula: C47H51NO14
Formula Weight: 853.91 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 20 JAN 2012
Date Retested: 15 OCT 2013
Recommended Retest Date: OCT 2015

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, MeOH		
Water (by Karl Fischer)	≤ 7 %	0 %
% Solvent	≤ 4 %	0 %
Total by GC		
EmM (dry basis)	29.0 - 30.5	29.8
UV-VIS spectrum (at lambda max 228 to 229 nm in MeOH)		
% Purity (HPLC)	≥ 95	100



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri 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.