

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

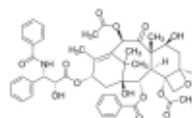
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Paclitaxel – from *Taxus brevifolia*, ≥95% (HPLC), powder

Product Number: T7402
CAS Number: 33069-62-4
MDL: MFCD00869953
Formula: C₄₇H₅₁NO₁₄
Formula Weight: 853.91 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity) 50 mg/mL, MeOH	Clear
EmM (dry basis) UV-VIS spectrum (at lambda max 228 to 229 nm in MeOH)	29.0 - 30.5
Purity (HPLC)	≥ 95 %
Water (by Karl Fischer)	≤ 7 %
% Solvent Total by GC	≤ 4 %
Recommended Retest Period 2 Years	-----

Specification: PRD.1.ZQ5.10000006174

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.