

Northeast Business Center

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Certificate of Analysis

Product Name:	Docetaxel
CAS No:	114977-28-5
Prod. No:	CT-0521
Lot No:	CT-0908
Batch Empirical Formula	C ₄₃ H ₅₅ NO ₁₄
Batch Empirical Wt.	807.9
Solubility	Soluble in DMSO (80.8mg/ml, 100 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	White Crystalline powder
Quality Control	¹ HNMR: [√] HPLC: [√] Quantitative Elemental Analysis [√]: C ₄₃ H ₅₅ NO ₁₄ Calculated: C: 63.93% H: 6.61% N: 1.73% Found: C: 62.75% H: 6.58% N: 1.76%
Loss on Drying	< 0.2%
Chemical Purity	>99.5% (HPLC at 214 and 254 nm)