

Northeast Business Center

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Certificate of Analysis

| Product Name: | Paclitaxel |
|--------------------|--|
| | |
| Synonym: | Taxol |
| | |
| CAS No: | 33069-62-4 |
| | 07.0500 |
| Prod. No: | CT-0502 |
| Lot No: | 05 |
| LOT NO. | 03 |
| Batch Mol. Formula | C ₄₇ H ₅₁ NO ₁₄ |
| Batch Mol. Wt. | 853.9 |
| Solubility | Soluble in DMSO, alcohols, and common organic solvents |
| Storage | Store at 0 °C (short term), -20 °C (long term), desiccated |

| Appearance | White Crystalline Powder |
|-----------------|--|
| Quality Control | ¹HNMR: [√] HPLC: [√] |
| | Quantitative Elemental Aanalysis [√]: C ₄₇ H ₅₁ NO ₁₄ |
| | Calculated: C: 66.11% H: 6.02% |
| | Found: C: 65.97% H: 5.95 % |
| | |
| Chemical Purity | >99.5% (HPLC) |