

Chem-Impex International, Inc.

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Wood Dale, IL 60191

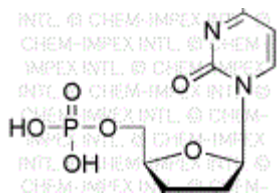
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 00099 |
| Product | 2'-Deoxycytidine-5'-monophosphate 2'-dCMP 2'-Deoxycytidine-5'-monophosphoric acid |
| CAS Number | 1032-65-1 |
| Molecular Formula | C ₉ H ₁₄ N ₃ O ₇ P |
| Molecular Weight | 307.2 |

| | |
|------------------------------------|--|
| Appearance | White powder |
| Solubility | Clear colorless solution (50 mg/mL in 1N Ammonium Hydroxide) |
| Water Content (Karl Fisher) | ≤ 11% |
| UV Ratios | A _{250/260} = 0.80 - 0.84 A _{280/260} = 0.96 - 1.00 |
| Purity by HPLC | ≥ 99% |
| Purity by UV | 96 - 104% (on dry basis) |
| Storage | Store at ≤ -4 °C |

For Laboratory Use Only