

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 00409 |
| Lot Number | 001237-31713 |
| Product | 2'-Deoxyuridine-5'-triphosphate sodium salt 2'-dUTP · Na |
| CAS Number | 102814-08-4 |
| Molecular Formula | C ₉ H ₁₂ N ₂ O ₁₄ P ₃ ·3Na |
| Molecular Weight | 534.09 |

| | |
|------------------------------------|---|
| Appearance | White powder |
| Solubility | Clear colorless solution (50 mg/mL in water) |
| Water Content (Karl Fisher) | 9.8% |
| UV Ratios | A 250/260 = 0.73 A 280/260 = 0.39 |
| Dnase (Exo) | None detected |
| Rnase | None detected |
| Purity by HPLC | 98.8% |
| Purity by UV | 100% (anhydrous) (optical density spectrophotometry) |
| Grade | Molecular Biology |
| Storage | Store at ≤ -20 °C |
| Additional Information | This lot of dUTP has been performance tested with Taq DNA polymerase and Pfu DNA polymerase. This lot of dUTP has performance tested with Q-PCR. |
| Remarks | See material safety data sheet for additional information For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager