

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 37447 |
| Product | 2'-Deoxyguanosine-5'-triphosphate. 100mM |
| Lot Number | 001237-32311 |
| | dGTP, 100mM sodium salt solution |
| CAS Number | 93919-41-6 |
| Molecular Formula | C ₁₀ H ₁₃ N ₅ Na ₃ O ₁₃ P ₃ |
| Molecular Weight | 573.1 |

| | |
|-----------------------|---|
| Appearance | Clear colorless solution |
| Concentration | 99 mM |
| pH | 7 |
| UV Ratios | $\lambda_{\max} = 253 \text{ nm}$ Absorbance ratio : $A_{250/260} = 1.16 \text{ (pH 7)}$ $A_{280/260} = 0.67 \text{ (pH 7)}$ |
| Purity by HPLC | 99.9% |
| Grade | Molecular Biology Grade |
| Storage | Store at $\leq -20 \text{ }^\circ\text{C}$ |
| 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