

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 00172 |
| Lot Number | 002625-032520160604 |
| Product | Guanosine |
| | 9- β -D-Ribofuranosyl-guanine |
| | Guanine-9- β -D-ribofuranoside |
| CAS Number | 118-00-3 |
| Molecular Formula | C ₁₀ H ₁₃ N ₅ O ₅ |
| Molecular Weight | 283.24 |

| | |
|----------------------------|--|
| Appearance | White crystalline powder |
| Heavy Metals | ≤ 10 ppm |
| Cation | Total Arsenic (As): < 0.2 ppm |
| Infrared Spectrum | Conforms to structure |
| UV Ratios | 250/260 nm = 0.7 280/260 nm = 0.8 |
| Loss on Drying | 1.2% |
| Related Substances | By HPLC: Guanin: 0.7% Total impurities: 0.8% |
| Residue On Ignition | 0.3% |
| Assay by titration | 99.6% (Anhydrous basis) |
| Storage | Store at RT |

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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