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Certificate of Analysis

Catalogue Number	00102
Product	2'-Deoxyguanosine monohydrate
Lot Number	001237-02524 2'-dG•H ₂ O Guanine-2'-deoxyriboside monohydrate
CAS Number	312693-72-4
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₄ •H ₂ O
Molecular Weight	285.2

Appearance	White crystalline powder
Solubility	Clear colorless solution
Water Content (Karl Fisher)	6.9%
UV Ratios	Absorbance (pH 7) : A250/A260 : 1.15 A280/A260 : 0.68
Related Substances	Gaunine : < 0.5% Alpha anomer content : Not detected
Purity by HPLC	99.9%
Purity by UV	101% (On dry basis)
Storage	Store at 0 - 8 °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