



Specification

Guanosine

Catalog Number: GU1001
CAS Number: 118-00-3
Synonym(s): 9-(β -D-Ribofuranosyl)guanine, Guanine-9- β -D-ribofuranoside
Molecular Formula: C₁₀H₁₃N₅O₅
Molecular Weight: 283.24
Storage: 15°C – 30°C
Retest Period: Two years from date of manufacture.

Test	Specification
Appearance	White to off-white crystalline powder
Purity (HPLC)	≥ 98.0%
Assay (UV)	97.0% - 103.0%
Loss on Drying	≤ 5.0%
Heavy Metals	≤ 10 ppm
Residue on Ignition	≤ 0.20%

Approved:

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