



Specification

Guanine

Catalog Number: GU1002
CAS Number: 73-40-5
Synonyms: 2-Amino-1,7-dihydroxy-6H-purin-6-one; 2-Aminohypoxanthine; Guanin; Guanineenol; 2-Amino-6-Hydroxypurine; 2-Amino-6-purino
Molecular Formula: C₅H₅N₅O
Molecular Weight: 151.11

Test	Specification
Appearance:	White to cream crystalline powder
Assay (HPLC):	99 % - 101 %
Melting Point:	300 deg. C minimum
Residue after Ignition:	< 0.1 %
Loss on drying:	< 0.5 %
Heavy metals:	10 ppm maximum

Approved:

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