

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

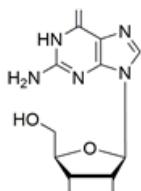
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	29809
Product	Guanosine. Low endotoxin: ≤ 0.5 EU/mg 9- β -D-Ribofuranosyl-guanine 2-Amino-9- β -D-ribofuranosyl-9H-purine-6-(1H)-one
CAS Number	118-00-3
Molecular Formula	C ₁₀ H ₁₃ N ₅ O ₅
Molecular Weight	283.24

Appearance	White to slightly yellowish crystalline powder
Appearance of Solution	Clear colorless solution (5 mg/mL in 0.5M HCl)
Heavy Metals	≤ 10 ppm (as Pb)
Water Content (Karl Fisher)	$\leq 13\%$
Yeast and Mold	≤ 100 CFU/g (TYMC)
Infrared Spectrum	Conforms to structure
E. Coli	Negative/g
Endotoxin Test	≤ 0.5 EU/mg
Microbial Count	≤ 100 CFU/g (TAMC)
Pseudomonas Aeruginosa	Negative/g
Salmonella	Negative/10 g
Staphylococcus Aureus	Negative/g
Residue On Ignition	$\leq 0.1\%$
Assay by titration	98 - 102% (anhydrous basis)
Purity by HPLC	$\geq 99\%$
Grade	Grade 1
Storage	Store at 0 - 8 °C
Additional Information	Transparency (430nm,C=1,w/v, 1N NaOH) : $\geq 99\%$

Product Specifications

Catalog Number: 29809

For Laboratory Use Only