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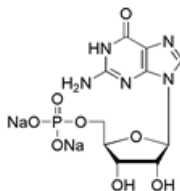
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00160
Product	Guanosine-5'-monophosphate disodium salt 5'-GMP•2Na Guanosine-5'-monophosphoric acid disodium salt
CAS Number	5550-12-9
Molecular Formula	C ₁₀ H ₁₂ N ₅ O ₈ PNa ₂
Molecular Weight	407.2
Appearance	White or off-white crystalline powder
Clarity & Color	Clear and colorless solution
Heavy Metals	≤ 10 ppm
Cation	Arsenic (As) : ≤ 2 ppm Lead (Pb) : ≤ 2 ppm
Water Content (Karl Fisher)	≤ 26%
pH	7.0 - 8.5
UV Ratios	A250/260 : 0.95 - 1.03 A280/260 : 0.63 - 0.71
Purity by HPLC	≥ 98%
Purity by UV	97 - 102% (On dry basis)
Storage	Store at 0 - 8 °C

For Laboratory Use Only