

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00160
Lot Number	002922-201208
Product	Guanosine-5'-monophosphate disodium salt 5'-GMP•2Na
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 & colorless solution
Heavy Metals	< 10 ppm
Cation	Arsenic : < 0.00015% Lead : < 2 ppm
Water Content (Karl Fisher)	18.2%
pH	8.1
UV Ratios	A250/260 : 1.00 A280/260 : 0.69
Purity by HPLC	99.4%
Purity by UV	99.8% (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