



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-194
Lot Number	002363-150521
Product	Guanosine-5'-triphosphate disodium salt 5-GTP•2Na Guanosine 5'-triphosphoric acid disodium salt
CAS Number	56001-37-7
Molecular Formula	$C_{10}H_{14}N_5O_{14}P_3Na_2$
Molecular Weight	567.15
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Appearance	White to off-white powder
Clarity & Color	Clear and colorless
Solubility	Easily soluble in water, practically insoluble in ethanol or ether.
pH	4.1
UV Ratios	Absorbance Ratios: A_{250}/A_{260} : 0.98 A_{280}/A_{260} : 0.68
Loss on Drying	4.5%
Protein Determination	No turbidity observed
Assay (anhydrous basis)	93.1%
Purity by HPLC	94%
Storage	Store at ≤ -4 °C