

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00015
Product	Adenosine-5'-triphosphate disodium salt
Lot Number	003210-220507
CAS Number	51963-61-2
Molecular Formula	C ₁₀ H ₁₄ N ₅ O ₁₃ P ₃ Na ₂ •3H ₂ O
Molecular Weight	605.1

Appearance	White or almost white powder or crystals
Clarity & Color	Clear and colorless solution
Solubility	Freely soluble in water, insoluble in ethanol.
Odor	Odorless
Heavy Metals	< 10 ppm
Anion	Chloride (Cl ⁻) : < 0.05%
Cation	Iron (Fe) : < 0.01%
Water Content (Karl Fisher)	8.2%
pH	3.1
Infrared Spectrum	Conforms to structure
Bacterial Endotoxins	< 2 EU/mg
Related Substances	The other impurity : 0.1% Total impurities : 0.7%
Assay	99.5% (on dried basis)
Storage	Store at RT
Additional Information	Identification : Chemical reaction : Passes test Burmimg : Show sodium flame AMP : 0.1%, ADP : 0.5%, A280/A260 : 0.14

Certificate of Analysis

Catalog Number: 00015

Lot Number: 003210-220507

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager