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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS

Standard product specification

Adenosine 5'-Triphosphate Di(Tris) Salt

CAS 102047-34-7 · Fine chemical grade — assay on specification

1. PRODUCT IDENTITY

Product name	Adenosine 5'-Triphosphate Di(Tris) Salt
C.A.S. number	102047-34-7
Grade / standard	Fine chemical grade — assay on specification
Description	White crystalline powder
Product group	Biological Buffers
Category	Laboratory & Analytical Reagents
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	White crystalline powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Matter Insoluble in Water	Not more than 0.01 % w/w	0.0033	Gravimetry
5	pH (5 % aqueous solution)	As per specification	9.5	Potentiometry
6	Chloride (Cl)	Not more than 0.001 %	0.00032	Turbidimetry
7	Sulphate (SO4)	Not more than 0.002 %	0.00081	Turbidimetry

8	Iron (Fe)	Not more than 5 ppm	0.59 ppm	ICP-OES
9	Heavy Metals (as Pb)	Not more than 5 ppm	Less than 2 ppm	ICP-OES
10	Moisture	Not more than 1.0 % w/w	0.54	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Adenosine 5'-Triphosphate Di(Tris) Salt and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

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