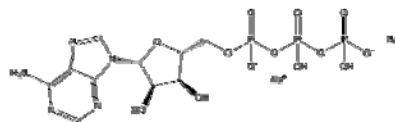


Certificate Of Analysis

Name: Adenosine Triphosphate Disodium Salt
CAS No.: 987-65-5
Cat No.: A845904
Molecular Formula: C₁₀H₁₄N₅Na₂O₁₃P₃
Molecular Weight: 551.14
Batch No.: A16042019
Mfg.Date: 2019.04.16
Exp.Date: 2021.04.15



Items	Specifications	Results
Appearance	White powder or off- white powder or crystal powder	Conforms
Identification	Have the largest absorption at $\lambda=257\text{nm}$ A250/A260=0.79~0.89 A280/A260=0.17~0.27	256.80nm A250/A260=0.81 A280/A260=0.23
	The identification of solution is sodium flame reaction.	Conforms
total amount of aerobe	$\leq 1000\text{cfu/g}$	Conforms
Yeast and moulds	$\leq 1000\text{cfu/g}$	Conforms
E. coli	Absent/1g	Conforms
pH	2.5~3.5	3.1
Clarity and Color of Solution	Clarify, colorless	Conforms
Water content	6.0%~12.0%	8.60%
Chloride	$\leq 0.05\%$	$< 0.05\%$
Iron salt	$\leq 0.001\%$	$< 0.001\%$
Heavy metals	$\leq 0.001\%$	$< 0.001\%$
Purity	95%(min)	Conforms
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

*If you have any comments and suggestions, please contact us by sales@amadischem.com

*For R&D use only