

Product Specification

Product Name: ATP disodium trihydrate
Adenosine triphosphate

Item Nr.: 1068 MW: 605.19 g/mol C₁₀H₁₄N₅O₁₃P₃Na₂·3H₂O
CAS Nr.: 51963-61-2 E.C.Nr.: EINECS: 686-884-4

Parameter	Method	Specification	Unit
Appearance	visual	White crystalline powder	
Solubility	5% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay		>95	%
pH	5% in H ₂ O	2.8 - 3.2	
Water	KF	6.0 - 12.0	%
A ₂₆₀	0.004% in H ₂ O	0.839 - 0.975	
Chlorides		<210	ppm
Heavy metals		<10.0	ppm
Iron (Fe)		<10.0	ppm
Arsenic (As)		<1.0	ppm
Impurities	HPLC	<5	%
Microbiological test	Total count	< 1000	CFU/g

Storage: Keep well closed at -20 °C in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/2012.2019