



ATP NA2 (Adenosine 5'-triphosphate disodium salt)

INCI name: Adenosine Triphosphate

Product name: Adenosine 5'-triphosphate disodium salt

Synonym: ATP 2NA

Chemical description: $C_{10}H_{14}N_5Na_2O_{13}P_3$

CAS No.: 987-65-5

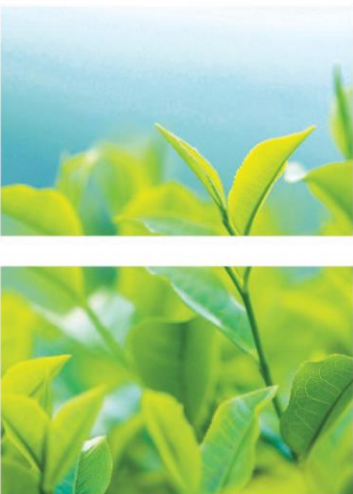
Application: Cosmetic

Packaging: in drums

Filling quantity: 25 kg/drums
190 kg/drums
special packaging upon request

Shelflife: up to 2 years
not opened

Storage conditions: dry and cool place
avoid direct sunlight



Product Spezifikation ATP-Na2

Test	Specification	Batch No. 20200103
Appearance	white powder or off white powder or crystal powder	conforms
Identification	have the largest absorption at 257+2nm wavelength	257.2 nm
	$A_{250}/A_{260} = 0.79-0.89$	$A_{250}/A_{260} = 0.83$
	$A_{280}/A_{260} = 0.17-0.27$	$A_{280}/A_{260} = 0.22$
	yields the flame reaction characteristic of sodium salts	conforms
Clarify and color of solution	clarity, colorless	conforms
Related content	total impurities $\leq 1.0 \%$	0.4 %
	other impurities $\leq 1.0 \%$	0.02 %
PH	2.5 – 3.5	3.0
Water content	6.0 – 12.0 %	7.9 %
Chloride	$\leq 0.05 \%$	$< 0.05 \%$
Iron salt	$\leq 0.001 \%$	$< 0.001 \%$
Heavy metals	$\leq 0.001 \%$	$< 0.001 \%$
Bacteria endotoxins	$< 1.25 \text{ EU/mg}$	Conforms
Content (cry basis)	$\geq 95.0 \%$	99.0 %

- Benefits & Application
- . anti-aging
 - . skin moisturizing
 - . skin repairing