

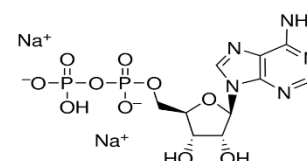


# Product Specification

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## ADENOSINE-5-DIPHOSPHATE DISODIUM SALT

PRODUCT CODE	042097
SYNONYMS	(ADP.Na <sub>2</sub> )
C.I. NO.	--
CASR NO.	(16178-48-6)
ATOMIC OR MOLECULAR FORMULA	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>10</sub> P <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	471.17
PROPERTIES	--



PARAMETER	LIMIT
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Description	A white crystalline powder.
Solubility	Soluble in water.
Minimum Assay (Spectrophotometer; dried basis)	95.0%
Specification rotation $[\alpha]_D^{20}$ (C=0.5 in 0.5M Na <sub>2</sub> HP)	- 30° ± 1°

### MAXIMUM LIMIT OF IMPURITIES

AMP enzymic	6.0%
ATP enzymic	6.0%
<b>Extinction Ratio :</b>	
250/260 nm	0.78 ± 0.02
280/260 nm	0.16 ± 0.01

Note(s) : Assay (if applicable) method mentioned.

Storage temp. : 0-8°C

#### WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --