

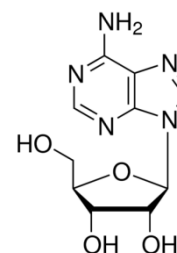


Product Specification

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ADENOSINE

PRODUCT CODE	042003
SYNONYMS	--
C.I. NO.	--
CASR NO.	(58-61-7)
ATOMIC OR MOLECULAR FORMULA	C₁₀H₁₃N₅O₄
ATOMIC OR MOLECULAR WEIGHT	267.24
PROPERTIES	Quite soluble in hot water; practically insoluble in alcohol.



PARAMETER	LIMIT
Description	Almost white to white crystalline powder/powder.
Solubility	0.5% solution in water is clear and colourless.
Minimum Assay (Spectrophotometric) (259 nm at pH 7.0)	98.5%
Specific rotation [C=2, in 5% NaOH soln.)	-67° to -73°
Molar absorptivity at λ _{max} .259 nm at pH 7.0	About 15000

MAXIMUM LIMIT OF IMPURITIES

Loss on drying(110°C)	0.5%
Residue on ignition	0.1%
Heavy metals (as Pb)	0.001%

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

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

IMDG Code : --

UN No. : --

IATA : --

Disposal:-----

Hazard Pictogram(s) :-----

Replace Date 28-July-2018