

3287 – ADENOSINE 5-MONOPHOSPHATE DISODIUM

REF NO: TBL/QA/SS/LC/3287	STANDARD SPECIFICATION FOR ADENOSINE 5-MONOPHOSPHATE DISODIUM	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 3287

PRODUCT PROPERTIES

C.A.S Number	4578-31-8
Chemical Formula	$C_{10}H_{13}N_5Na_2O_7P$
Formula weight	391.18
Functional Uses	Adenosine 5'-monophosphate (5'-AMP) has many uses in nature. 5'-AMP is an activator of a class of protein kinases known as AMP-activated protein kinase (AMPK). It may be used as a substrate by a variety of enzymes such as AMP-thymidine kinase , AMP deaminase and 5'-nucleotidase.
Standard Packaging	1 gm, 5 gm & 25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water	NMT – 13.0%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

