

3179 – NICOTINAMIDE ADENINE DINUCLEOTIDE

REF NO: TBL/QA/SS/LC/3179	STANDARD SPECIFICATION FOR NICOTINAMIDE ADENINE DINUCLEOTIDE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 3179

PRODUCT PROPERTIES

C.A.S Number	53-84-9
Chemical Formula	$C_{21}H_{27}N_7O_{14}P_2$
Formula weight	663.43
Functional Uses	It used in in vitro glycogen synthase kinase 3 (GSK3) deacetylation assay
Standard Packaging	1 gm & 5 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color fine powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Iron (Fe)	NMT – 0.003%
Zinc (Zn)	NMT – 0.0005%
Assay	NLT – 95.0%

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

