



WESTERN DRUGS LIMITED

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CERTIFICATE OF ANALYSIS

HSN CODE: 29362920

Buyers Order No. & Date	Date	Our Reference No.	C. O. A. Date	Lab Register Page No.
APPENDIX NO.15 TO CONTRACT NO WD-KORM/2017 Dated 26.01.2017	05.06.2019	EXP. No. - 5259	02.07.2019	19-20/01/153
Name of Product	Lot No.	Date of Manufacturing:	Date of Expiry:	Date of Analysis
NIACIN (NICOTINIC ACID) BP - GRANULAR	19-20/NCN[G]/B/076	JUN. - 2019	MAY - 2024	27.06.2019

Tests	BP 2019	Results
Appearance	White or almost white granules	White granules
Solubility	Sparingly soluble in water, Soluble in boiling water and in boiling ethanol (96%) and in dilute solution of alkali hydroxides and carbonates	Complies
Identification: -		
A. Melting point	234° to 240° C	237° C
B. IR Test	IR spectrum to match with Reference standard No. 2	Matches
Related Substance (By HPLC)	Area not more than 0.5 times the area of the principal peak	Complies
Loss on Drying	≤ 1.0% w/w	0.18 %w/w
Sulphated Ash / Residue on Ignition	≤ 0.1% w/w	0.03 %w/w
Chloride	≤ 200 PPM	< 200 PPM
Sulphate	N.A.	N.A.
Assay (On Dried Basis)		
A. Aqueous Titration	99.5 to 100.5% w/w	99.75 %w/w
B. HPLC Method	N.A.	N.A.

Special Requirement			
S. No.	Tests	Specifications	Results
1.	Particle size (ASTM)	Min. 98.0 % to pass through 20 mesh sieve	99.84 % Passes
		Max. 10.0 % to pass through 140 mesh sieve	01.95 % Passes
2.	Heavy Metals	≤ 20 PPM	< 20 PPM

REPORT: Certified that the material referred above confirms to the following specifications:

1. Manufacturing specifications of WDL.
2. BP 2019 for Niacin (Nicotinic Acid)

N. SINGH
(Approved Chemist)

DAKSH PANCHAL
QA-EXECUTIVE

BIN NO.: AAACW2424PFT001

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