

Item Number	NI100
Item	Niacin, Powder, USP
CAS Number	59-67-6
Molecular Formula	C ₆ H ₅ NO ₂
Molecular Weight	123.11
MDL Number	
Synonyms	Nicotinic Acid ; 3-Pyridinecarboxylic Acid

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	0.46	0.52
IDENTIFICATION (C)	RETENTION TIME CORRESPONDS TO STANDARD	
ASSAY (DRIED BASIS)	98.0%	102.0%
LOSS ON DRYING		1.0 %
RESIDUE ON IGNITION		0.1 %
CHLORIDE (Cl)		0.02 %
SULFATES (SO ₄)		0.02 %
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)		AS REPORTED
LEAD (Pb)		AS REPORTED
ARSENIC (As)		AS REPORTED
MERCURY (Hg)		AS REPORTED
RELATED COMPOUNDS:		
Isocinchomeric acid		0.05 %
6-Hydroxynicotinic acid		0.05 %
Isonicotinic acid		0.05 %
6-Methylnicotinic acid		0.05 %
6,6'-Dinicotinic acid		0.05 %
5-Nitronicotinic acid		0.05 %
Pyridine		0.05 %
3-Nitropyridine		0.05 %

Test	Specification	
	Min	Max
3,5-Dinitropyridine		0.05 %
3-Ethylpyridine		0.05 %
5-Ethyl-2- methylpyridine		0.05 %
Any individual unspecified impurity		0.05 %
TOTAL IMPURITIES		0.20 %
CERTIFIED KOSHER		
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

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