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SPECIFICATION SHEET

PRODUCT NAME: Niacin
ORIGIN: China

Test	Specification	Test Method
Appearance	White crystalline Powder, odorless and has a bitter taste	Visual
Identification Test A (IR) Test B (UV)	The IR Absorption spectrum is concordant with the spectrum of reference standard 0.65	IR spectrophotometer UV spectrophotometer
Assay (On dried bases)	98.50%-101.50%	USP34
Melting Range	128 to 131 degree Celcius	USP34
Loss on Drying	0.50% max	USP34
Residue on Ignition	0.10% max	USP34
Readily Carbonized Substance	Test as per USP	USP34
Heavy Metals	30 ppm max	USP34
Lead	1 ppm max	USP34
Arsenic	3 ppm max	USP34
Microbiological: Total viable aerobic count	 <1000 cfu /gm	 AOAC
Yeast/Mold	<100 cfu /gm	AOAC
Pseudomonas	Negative	AOAC
E. Coli	Negative	AOAC
Staphylococcus	Negative	AOAC

Starting Material(s): 3-cyanopyridine
Conclusion: Conforms to USP34 Standard
Storage: Store in cool and dry place, sealed, light-resistant container

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

Abdullah Malik (QA)