

SHANDONG KUNDA BIOTECHNOLOGY CO., LTD

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CERTIFICATE OF ANALYSIS

PRODUCT: NIACIN FOOD GRADE

ISSUE DATE: JUN.22,2020

MANUFACTURING DATE: JUN.4, 2020

EXPIRY DATE: JUN.3, 2023

BATCH NO.: NC220206041

QUANTITY: 200KGS

We hereby certify that the above mentioned goods have been inspected as follows:

ITEMS	SPECIFICATIONS	TEST RESULT
Appearance	White crystalline powder	Complies
Odor	Slight characteristic odor	Complies
Solubility	Sparing soluble in water, soluble in boiling water and in boiling ethanol	Complies
Identification Test	A: Infrared Absorption	Complies
	B: Ultraviolet Absorption	Complies
	C: Color Reaction	Complies
	D: The Retention Time(HPLC)	Complies
Assay (%)	99.5-101.0	99.75
Melting Range (°C)	234-238	236.9-237.0
Chloride (as Cl, %)	≤0.02	<0.02
Sulfate (as SO ₄ , %)	≤0.02	<0.02
Related Compounds	Test as per USP43	Complies
Loss on Drying (%)	≤1.0	0.27
Residue on Ignition(%)	≤0.1	0.03
CONCLUSION	QUALIFIED (Comply with USP43/EP10.0/ FCC Standard)	



Reported by: *Minghan Gao*