



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name	NRise™ Nicotinamide Riboside Chloride (NR)		
CAS No.	23111-00-4	Molecular Formula	$C_{11}H_{15}N_2O_5 \cdot Cl$
Country of Origin	China	Molecular Weight	290.70

Assay	Specification	Test Method
Appearance	White to off-white powder	Visual
Water Content	$\leq 2.0\%$	Karl. Fisher method
Identification	Consistent with the control map	IR
Purity	$\geq 97\%$	HPLC
Ethanol	$\leq 1000\text{mg/kg}$	GC
Lead (Pb)	$\leq 0.5 \text{ ppm}$	ICP-MS
Arsenic (As)	$\leq 1.0 \text{ ppm}$	ICP-MS
Cadmium (Cd)	$\leq 1.0 \text{ ppm}$	ICP-MS
Mercury (Hg)	$\leq 0.1 \text{ ppm}$	ICP-MS
Total Microbial Count	$\leq 500\text{CFU/g}$	AOAC 990.12
Mold and Yeast	$\leq 50\text{CFU/g}$	AOAC 997.02
<i>E. Coli.</i>	Negative/10g	AOAC 991.14
<i>Salmonella</i>	Negative/10g	AOAC 998.09
<i>Staphylococcus aureus</i>	Negative/10g	AOAC 2003.07

Packing and Storage	
Packing	Sealed export grade drum & double of sealed plastic bag.
Storage	Store in cool and dry place, keep away from strong light and heat.
Shelf Life	24 months if store under the conditions above and stay in original packaging.

Note: Non-GMO, Allergen Free, BSE/TSE Free.