



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

Stability Data of NR

Objective:

To study the influencing factors affecting the stability of Nicotinamide Riboside Chloride.

Test Items:

- Purity

Purity Data:

Test Item 1 Conditions:

- Packaging: Sealed aluminum foil bag (lightproof and sealed).
- Storage Temperature: -15°C in a refrigerator.
- Testing Conditions: Samples returned to room temperature during testing.

Purity Data for Nicotinamide Riboside Chloride at -15°C:

Batch No.	0 Month	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months
S03200503	99.89%	99.84%	99.82%	99.85%	99.85%	99.89%	99.78%
S03200611	99.49%	99.35%	99.38%	99.36%	99.43%	99.34%	99.42%
S03200623	99.77%	99.69%	99.69%	99.66%	99.73%	99.74%	99.68%

Test Item 2 Conditions:

- Packaging: Sealed aluminum foil bag (lightproof and sealed)
- Storage Temperature: Room temperature (25°C)
- Humidity: Constant 75% relative humidity

Purity Data: Nicotinamide Riboside Chloride at 25°C

Batch No.	0 Month	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months
S03200503	99.89%	99.85%	99.82%	99.77%	99.74%	98.98%	98.87%
S03200611	99.49%	99.34%	99.35%	99.36%	99.33%	98.78%	98.65%
S03200623	99.77%	99.68%	99.66%	99.64%	99.67%	98.96%	98.78%

Test Item 3 Conditions:

- Packaging: Sealed aluminum foil bag (lightproof and sealed)
- Storage Temperature: Constant temperature at 40°C



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- Humidity: Constant 75% relative humidity

Purity Data: Nicotinamide Riboside Chloride at 40°C

Batch No.	0 Month	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months
S03200503	99.89%	99.82%	99.74%	98.88%	98.78%	98.82%	98.84%
S03200611	99.49%	99.31%	99.30%	98.76%	98.66%	98.74%	98.66%
S03200623	99.77%	99.72%	99.63%	98.86%	98.84%	98.78%	98.85%

Conclusion:

1. Under storage conditions of -15°C in a sealed aluminum foil bag for 6 months, the product purity remains stable.
2. Under accelerated storage conditions of 25°C in a sealed aluminum foil bag for 6 months, the product purity remains stable.
3. Under accelerated storage conditions of 40°C in a sealed aluminum foil bag for 6 months, the product purity remains stable.

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