



Stability Data of NMN

1. **Objective:** To study the influencing factors on the stability of Nicotinamide Mononucleotide (NMN).
2. **Instruments and Equipment:** Humidity Chamber, Refrigerator, Dryer, High-Performance Liquid Chromatography (HPLC).
3. **Batch Numbers:** S20191202, S20191209, S20191227.
4. **Test Items:**
 - Purity
 - Appearance

Purity Data:

Test Item 1 Conditions:

- Packaging: Sealed aluminum foil bag (protected from light)
- Temperature: -15°C (refrigerator storage)
- Test Protocol: Allow product to return to room temperature before testing.

Test Item 1 Purity Data of Nicotinamide Mononucleotide at -15°C:

Batch No.	0 Month	3 Months	6 Months	9 Months	12 Months	15 Months	18 Months	21 Months	24 Months
S20191202	99.84%	99.86%	99.81%	99.79%	99.72%	99.69%	99.54%	99.56%	99.52%
S20191209	99.62%	99.57%	99.52%	99.46%	99.41%	99.36%	99.40%	99.37%	99.37%
S20191227	99.71%	99.68%	99.67%	99.67%	99.65%	99.61%	99.60%	99.56%	99.54%

Test Item 2 Conditions:

- Packaging: Sealed aluminum foil bag (protected from light)
- Temperature: Room temperature (25°C)
- Humidity: Constant at 75%

Batch No.	0 Month	3 Months	6 Months	9 Months	12 Months	15 Months	18 Months	21 Months	24 Months
S20191202	99.84%	99.81%	99.81%	99.78%	99.75%	99.64%	99.62%	99.57%	99.51%

S20191209	99.62%	99.56%	99.49%	99.45%	99.42%	99.38%	99.35%	99.36%	99.31%
S20191227	99.71%	99.67%	99.65%	99.65%	99.64%	99.60%	99.54%	99.51%	99.43%

Test Item 2 Purity Data of Nicotinamide Mononucleotide at 25°C Room Temperature.

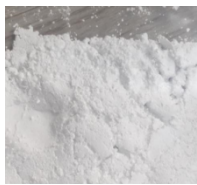
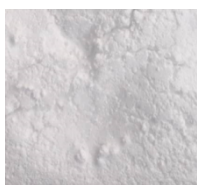
Test Item 3 Conditions (Accelerated Test):

- Packaging: Sealed aluminum foil bag (protected from light)
- Temperature: Constant at 40°C
- Humidity: Constant at 75%

Test Item 3 Purity Data of Nicotinamide Mononucleotide at 40°C.

Batch No.	0 Month	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months
S120191202	99.84%	99.81%	99.77%	99.71%	99.67%	99.65%	99.52%
S20191209	99.62%	99.35%	99.35%	99.32%	99.32%	99.32%	99.31%
S20191227	99.71%	99.65%	99.63%	99.58%	99.56%	99.52%	99.46%

Color

Batch No.	0 Month	1 Month	2 Months	3 Months	4 Months	5 Months	6 Months
S20191202		White, no significant change	White, no significant change	White, no significant change	White, no significant change	White, no significant change	White, no significant change
S20191209		White, no significant change	White, no significant change	White, no significant change	White, no significant change	White, no significant change	White, no significant change
S20191227		White, no significant change	White, no significant change	White, no significant change	White, no significant change	White, no significant change	White, no significant change

Conclusion:

1. Under the condition of -15°C , sealed storage for 24 months, the product purity data remains stable.
2. Under the condition of 25°C , sealed storage for 24 months, the product purity data remains stable.
3. Under the accelerated condition of 40°C , sealed storage for 6 months, the product purity data remains stable.

A handwritten signature in black ink that reads "Cathy Tang".

Enzymolab Biotech Co., Ltd

February 20, 2021