

Research on the stability of NMN

1. Target

Research on the stability of NMN(β -nicotinamide mononucleotide) after long term stock.

2. Sample source and batch No.

Source: From production department. Batch

No.: EF191210, EF191225-1, EF191227

3. Items for testing.

Appearance, Purity and Moisture

4. Condition and result.

Put samples into double pharmaceutical low density polyethylene bags, then put the PE bags into aluminium foil bag. Stock the samples under condition of 40°C and 75% relative humidity, test the samples according below setting time.

Table 1.

Batch No.	Months	Appearance	Purit(%)	Moisture(%)
EF191210	0	White powder	99.21	0.22
	1	White powder	99.03	0.26
	2	White powder	99.09	0.30
	3	White powder	98.82	0.31
EF191225-1	0	White powder	99.19	0.12
	1	White powder	99.20	0.19
	2	White powder	99.03	0.23
	3	White powder	98.91	0.33
EF191227	0	White powder	99.47	0.57
	1	White powder	99.36	0.59
	2	White powder	99.19	0.60
	3	White powder	98.89	0.60

5. Conclusion:

After 3 months accelerated conditions, these samples still keep stable. Deep research will keep going in future.
