

Supplementary Materials File S1: NMN purity assay

NMN detection procedure

Sample solution: 0.5 mg/mL of NMN in Diluent.

Solution A: 6.8 g/L of potassium dihydrogen phosphate in water.

Solution B: Methanol.

Diluent: Water.

Mobile phase: See below.

Time(min)	Solution A (%)	Solution B (%)
0	100	0
10	100	0
20	50	50
21	100	0
29	100	0

Chromatographic system

Mode: LC

Detector: UV 260nm

Column: WelchUltimate AQ-C18 4.6-mm × 25-cm; 5-μm

Column temperature: 30°C

Flow rate: 0.8 mL/min

Injection volume: 10 μL

