



# Trafa Pharmaceutical Inc.

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## SPECIFICATION SHEET

Product name:	<b><math>\beta</math>-Nicotinamide Adenine Dinucleotide (<math>\beta</math>-NAD<sup>+</sup>)</b>		
CAS No:	53-84-9	Ref. Standard:	In-house standard
Storage Condition:	Keep dry and away from light, sealed and stored under cold storage - 15°C ~ -20°C.		

Item	Specification	Method
Assay (On dried basis)	≥95.0%	HPLC
Purity	≥99.0%	HPLC
Identification	Conform to the RT of Standard	/
Appearance	White to off-white Powder	Organoleptic
Solubility	Easily soluble in water	/
Water content	≤ 8.0%	GB 5009.3
pH	2~5	GB 2009.237
Methanol(By GC)	≤ 1.0%	GC
Ethanol(By GC)	≤5000ppm	GC
<b>Heavy metal</b>	≤ 10ppm	GB 5009.74
Lead(Pb)	≤0.5ppm	GB 5009.12
Arsenic(As)	≤0.5ppm	GB 5009.11
<b>Microbiological Tests</b>		
Total Plate Count	≤ 1000cfu/g	GB 4789.2
E.Coli	≤3MPN/g	GB 4789.38
<b>Conclusion</b>	Conform to In-house standard.	

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

  
Abdullah Malik (QA)