

Report Issued To: Nootropics Depot | 8380 S. Kyrene Rd., Suite 110, Tempe, AZ 85284

Product Information			
Product Name:	N-Acetyl L-Cysteine Powder NAC	CoA #:	ND-24-1505
Product Size:	400g	Lot Number:	NACS1100224
Production Date:	10/02/2024	Raw Material Batch #:	NAC0090821B
Report Date:	10/02/2024	Raw Material Spec #	082
Best By Date:	10/2027	Appearance:	White crystals or crystalline powder

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1082	Conforms	Pass
Smell	Org. Tube # 1082	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Jar Fill Weight	≥400g/jar	400g/jar	Pass

Ingredients

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match	99% Match	Pass
N-Acetyl L-Cysteine Assay (dry basis)	USP	Polarimeter	≥ 489mg/serving	491mg/serving	Pass
Identity	USP 781	Polarimeter	+21°-+27°	+24°	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	0.8%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As <0.2000 Cd <0.0800 Hg <0.0200 Pb <0.0800	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.45	Pass

Final Approval:



Kennedy Enoch, Quality Liaison

