

Certificate of Analysis

Page 1

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

Product Information			
Product Name:	AAKG 2:1 Powder	CoA #:	ND-24-1244
Product Size:	250g	Lot Number:	AKGS2022123
Production Date:	02/21/2023	Raw Material Batch #:	AKG0090123
Report Date:	02/21/2023	Raw Material Spec #	060_v6
Best By Date:	02/2025	Appearance:	White to yellow, fine powder

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1060	Conforms	Pass
Smell	Org. Tube # 1060	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Jar Fill Weight	≥250g/jar	250g/jar	Pass

Ingredients

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% match	Conforms to Reference Material	Pass
Assay α-ketoglutaric acid	GL-635	UPLC	≥ 676mg/serving	702mg/serving	Pass
Assay - L-Arginine	LAB TM-173	UPLC	≥ 1,690 mg/serving	1,768mg/serving	Pass
Specific Rotation	LAB TM-056	Polarimeter	+16.5° - +18.5°	+17.9°	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	6.1%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.0625 ppm Cd < 0.0250 ppm Hg < 0.0100 ppm	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.1 ppm ea.	Pb < 0.0250 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.30	Pass

Final Approval:



 Kennedi Enoch, Quality Liaison
