Certificate of Analysis

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

Product Information			
Product Name:	Pyroglutamic Acid Powder	CoA #:	ND-23-037
Product Size:	125g	Lot Number:	PGAS1041023
Production Date:	04/10/2023	Raw Material Batch #:	PGA0050422
Report Date:	04/10/2023	Raw Material Spec #	144
Best By Date:	04/2025	Appearance:	Fine, White Powder

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1144	Conforms	Pass
Smell	Org. Tube # 1144	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Jar Fill Weight	≥125g/jar	125g/jar	Pass

Ingredients

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% match	98% match	Pass
L-Pyroglutamic Acid Assay	LAB TM-027	Polarimeter	≥ 970mg/serving	970mg/serving	Pass
Identity	LAB TM-027	Polarimeter	-11º to -12º	-11.2º	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	1.6%	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICP/ICPMS	<0.5 ppm ea.	As < 0.1250 ppm Cd < 0.0500 ppm Pb < 0.4190 ppm Hg < 0.0125 ppm	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.24	Pass

Final Approval:

Kennedi Enoch, Quality Liaison

PJLA Testing
Accreditation #113861