Certificate of Analysis

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

Product Information			
Product Name:	InfiniLYTE | Optimized Electrolyte Blend	CoA #:	ND-25-030
Product Size:	60 Servings	Lot Number:	INFLS1120924
Production Date:	12/09/2024	Powder Blend Batch #:	INFLPSLL1124PB
Report Date:	12/09/2024	Appearance::	Light Green powder with white specs
Best By Date:	12/2027	Scoop Size:	1.0cc
Other Ingredients:	None		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2400	Conforms	Pass
Smell	Org. Tube # 2400	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Jar Fill Weight	≥230g/jar	230.9g/jar	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Sodium Chloride	1275mg/serving	SAL0790624	582_v4
Calcium Beta Hydroxybutyrate	520mg/serving	CBH0091123	584_v3
Magnesium Citrate	450mg/serving	MGC0090624	560_v2
Magnesium Glycerophosphate	400mg/serving	GVM1020424	600_v1
Boron Glycinate 12%	8.5mg/serving	BOR0090823	531_v2
Zinc Bisglycinate (Glycinate 30.11% Z)	18mg/serving	ZNB0091123	585_v1
Sodium Copper Chlorophyllin, 4%	22.5mg/serving	SCC0090424	599_v2
Chromium picolinate, 12%	0.3mg/serving	CHP0021223	590_v3
Potassium Bicarbonate	1050mg/serving	POB0091223	588_v3
Potassium Iodide trituration (1.6% iodine)	5mg/serving	ITI0090522	293
Selenium 55mcg (From 27.5mg of 0.2% yeast)	28mg/serving	SEY0090522	291
Manganese Citrate 28%	8.3mg/serving	MNC0091123	586_v1

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity- Calcium Beta Hydroxybutyrate	LAB TM-001	FTIR	≥ 95% Match to Library Standard	100%	Pass
Identity- Magnesium Citrate Anhydrous	Lab TM-001	FTIR	≥ 95% Match to Library Standard	Conforms	Pass
Identity- Magnesium Glycerophosphate	LAB TM-001	FTIR	≥ 95% Match to Library Standard	Conforms	Pass
Identity- Boron Glycinate 12%	LAB TM-001	FTIR	≥ 95%	99%	Pass
Identity- Zinc Bisglycinate (Glycinate 30.11% Z)	LAB FM-213	Aggregation	≥ 97%	98%	Pass
Identity- Chromium Picolinate	LAB TM-001	FTIR	≥ 95% Match to Library Standard	99% Match to Library Standard	Pass
Identity- Potassium Bicarbonate	LAB TM-001	FTIR	≥ 95% Match to Library Standard	98%	Pass
Identity- Potassium Iodide trituration	LAB TM-001	FTIR	≥ 95% match	Conforms	Pass
Identity- Selenium Yeast	LAB TM-001	FTIR	≥ 95% match	Conforms	Pass
Identity- Manganese Citrate 28%	LAB TM-001	FTIR	≥ 95% Match	Conforms	Pass

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Test	Method	Methodology	Specification	Result	Pass/Fail
Assay - Sodium	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	UPLC	≥ 490mg/serving	504mg/serving	Pass
Assay - Calcium	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	UPLC	≤ 6.3mg/serving	0.76mg/serving	Pass
Assay- Magnesium	ICP-MS Metals - USP <730> Apex Metals-011/Metals-008	ICPMS	≥ 110mg/serving	114.4mg/serving	Pass
Assay - Boron	ICP-MS Metals - USP <730> Apex Metals-011/Metals-008	ICPMS	≥ 1mg/serving	1.03mg/serving	Pass
Assay - Glycine	LAB TM-173	UPLC	≥ 12.2mg/serving	12.2mg/serving	Pass
Assay - Zinc	ICP-MS Metals - USP <233>/<730> Apex Metals - 011/Metals-008	ICP/ICPMS	≥ 5.2mg/serving	5.4mg/serving	Pass
Assay- Chromium	ICP-MS Metals - USP <730> Apex Metals-011/Metals-008	ICP/ICPMS	≥ 0.03mg/serving	0.03mg/serving	Pass
Total Alkalinity (as $KHCO_3$)	LAB TM-269	Titration	≥ 1044mg/serving	1047mg/serving	Pass
Normal Carbonate (as K_2CO_3,)	LAB TM-269	Titration	≤ 26.2mg/serving	3.15mg/serving	Pass
Assay- Potassium Iodide	USP KI Monograph	Titration	≥0.05mg/serving	0.085mg/serving	Pass
Selenium Assay	ICP-MS Metals - USP <730>/Apex Metals-011/Metals-008	ICP/ICPMS	≥ 2,000 ppm	2,152 ppm	Pass
Assay - Manganese	ICP-MS Metals - USP <730> Apex Metals-011/Metals-008	ICP/ICP-MS	≥ 2.3mg/serving	2.4mg/serving	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.419 ppm Cd 0.166 ppm Hg 0.042 ppm Pb 0.167 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.55	Pass

Final Approval:

Kennedi Enoch, Quality Liaison

PJLA Testing
Accreditation #113861