Botanic Tonics | 13105 E. 61st Street Suite B | Broken Arrow, OK 74012 | (539) 367-1401

Date: 10/19/205

Certificate of Analysis

Product Name:	**Feel Free**	**Batch Number:**	**239**
Description:	Green/Brownish Liquid	**Mfg. Date:**	10/2025
Serving Size:	1 oz	**Best By Date:**	09/2026
Servings Per Bottle:	**2**	**pH**	**PASS**

Bottle Specifications		**Lid Specifications**	
Size:	2 oz	**Size:**	20-400
Color:	Cobalt Blue	**Color:**	Black
Type:	Glass Round	**Type:**	Aluminum
Lid Opening:	20-400	**Seal:**	Tamper evident, ROPP with Foam filler

Microbial Testing (CFU /g)

Test	Method Type	Specification	Pass / Fail	Reviewer
Total Aerobic Count	AOAC 2015.13	< 2000	**PASS**	AM
Lactic Acid Bacteria	AOAC PTM 041701	< 1000	**PASS**	AM
Yeast & Mold Count	AOAC RI 121301	< 100	**PASS**	AM
Escherichia coli	AOAC RI 091301	Absent in 1g	**PASS**	AM
Staphylococcus aureus	AOAC 987.09	Absent in 1g	**PASS**	AM
Salmonella spp.	AOAC OM 2013.02	Absent in 1g	**PASS**	AM

Iron Testing (mcg / 2 fl oz)

Iron	AOAC 2011.14	> 0.64	**PASS**	AM

Heavy Metals Testing (mcg / 2 fl oz)

Arsenic	AOAC 2015.01	< 10	**PASS**	AM
Cadmium	AOAC 2015.01	< 10	**PASS**	AM
Lead	AOAC 2015.01	< 10	**PASS**	AM
Mercury	AOAC 2015.01	< 10	**PASS**	AM

Pesticides Testing Parameters

Pesticides	AOAC 989.10 AOAC 991.14	< 1 mcg/serving	**Pass (Supplier)**	

Active Materials (mg / 2 fl oz)

Total Kavalactones	HPLC	450-550	**PASS**	AM
Total alkaloids		60-84	**PASS**	AM
Mitragynine		40-60	**PASS**	AM
7-Hydroxymitragyanine		<0.1	**PASS**	AM

[redacted]

Other Ingredients: Water, Pineapple Juice, Natural Flavors, Stevia

X

Amirhossein Mehrkesh, PhD
Director of R&D and QC