



Certificate of Analysis

Product Name:	Vitamin B12 Gummy	Lot Number:	63965-1
Manufacture Date:	09/2022	Expiration Date:	09/2024
Form:	Gummy	Shape:	Berry
Color:	Red	Flavor:	Raspberry
Average Weight:	2.0 g/gummy	Coating:	Oil
Bottle Size:	250 cc	Bottle Color:	Clear
Lid Size:	45 mm CRC	Lid Color:	White
Shrink:	83 mm Translucent	Count per Unit:	60 gummies

LABEL CLAIM SPECIFICATIONS

Active Ingredient	Label Claim Per gummy	Specification per gummy (≥90%)	% Found*	Method
Vitamin B12 (as cyanocobalamin)	500 mcg	≥450 mcg	100%	LC/MS
Other Ingredients: Glucose syrup, sugar, glucose, pectin, citric acid, sodium citrate, natural raspberry flavor, vegetable oil (contains carnauba wax).				

*Verified by Raw Material Testing and Process Manufacturing (SOP 1.9, 1.6)

MICROORGANISM TEST RESULTS

Test	Specification	Method	Result
Total Aerobic Plate Count	<10 ⁷ cfu/g	USP <2021>	PASS
Yeast and Mold	<10 ⁵ cfu/g	USP <2021>	PASS
Enterobacteriaceae	<10 ⁴ cfu/g	USP <2021>	PASS
Escherichia coli	Negative	USP <2022>	PASS
Salmonella spp.	Negative	USP <2022>	PASS
Staphylococcus aureus	Negative	USP <2022>	PASS

HEAVY METALS TEST RESULTS

Test	Specification	Method	Result
Cadmium	<4.1 mcg/daily dose	ICP-MS	PASS
Arsenic	<10 mcg/daily dose	ICP-MS	PASS
Lead	<2.75 mcg/daily dose	ICP-MS	PASS
Mercury	<10 mcg/daily dose	ICP-MS	PASS

Note: Testing is certified under subcontracted laboratory's ISO 17025 accreditation.

Released by:

QA/QC Department

Date: 02/02/2023