



Certificate of Analysis

Product Name:	Turmeric, Black Pepper & Ginger Gummy	Lot Number:	63974-1
Manufacture Date:	06/2022	Expiration Date:	06/2024
Form:	Gummy	Shape:	Berry
Color:	Orange	Flavor:	Peach
Average Weight:	3.0 g/gummy	Coating:	Sugar
Bottle Size:	250 cc	Bottle Color:	White
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
Turmeric Extract (<i>Curcuma longa</i>)(rhizome)[Standardized to 95% curcuminoids]	125 mg	≥112.5 mg	100%	HPLC
Ginger root extract (<i>Zingiber officinale</i>)(root)[Standardized to 5% gingerols]	6 mg	≥5.4 mg	100%	HPLC
Black pepper extract (<i>Piper nigrum</i>)(fruit)[Standardized to 95% piperine]	50 mcg	≥45 mcg	100%	HPLC
Other Ingredients: Glucose syrup, sugar, water, pectin, citric acid, trisodium citrate, natural peach flavor.				

*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: 02/07/2023
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