

RESILIENCE

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Rich Fruit Gummies

PRODUCT CODE: GU-X-Y-Z-A

LOT NUMBER: 080521

DATE OF MANUFACTURE: 05AUG2020
(DDMMYYYY)

EXPIRATION DATE: 05AUG2022
(Expiration date is 24 months under sealed conditions.)

INGREDIENTS: Corn Syrup, Sugar, Gelatin, Sorbitol, Citric Acid, Orange Juice Concentrate, Red Grape Concentrate, Broad Spectrum CBD Oil (0.0% THC), Natural Lemon Flavoring, Natural Grape Flavoring, Natural Orange Flavoring, Pectin, Glycerin, Soy Lecithin, Sodium Citrate, Natural Colors

Parameter	Method ¹	Specification	Results
Appearance	QCU002	Molded gummy, round dome shape	Pass
Color		Multi-color	Pass
Cannabinoids		LOD (ppm)	Wt. (%)
CBD		0.28	0.253
CBD-A		0.11	ND
Δ9-THC		0.22	ND
THC-A		0.10	ND
CBN	HPLC-DAD	0.01	ND
CBG		10	ND
CBGA	(Kaycha Labs)	10	ND
CBC		10	ND
Δ8-THC		10	ND
CBDV		10	0.01
THCV		10	ND
Potency – Total CBD		90 - 110% of CBD Label Claim (2.5 mg CBD per gram of gummy)	101% of CBD Label Claim (2.53 mg CBD per gram of gummy)
Total THC		0.0%	0.0%
Terpenes ²	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Specification
Pesticides ²	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification
Residual Solvents ²	USP <467>	Refer to Oil Specification	Refer to Oil Specification
Elemental Impurities ²	USP <2232>	Refer to Oil Specification	Refer to Oil Specification
Microbial Limits ²	USP <2023>	Refer to Oil Specification	Refer to Oil Specification

Notes: ¹according to Volium Biosciences internal analytical methods, US Pharmacopeia or 3rd party contract laboratory method. ND=Not Detected

The above certificate of analysis is based on Product Specification (QA-FRM3-0005 GU-X-Y-Z-A)
Revision No: 00

Results conform to all specifications: Yes or No

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Rich Fruit Gummies

PRODUCT CODE: GU-X-Y-Z-A

LOT NUMBER: 04132021

DATE OF MANUFACTURE: 13Apr2020
(DDMMYYYY)

EXPIRATION DATE: 13Apr2022
(Expiration date is 24 months under sealed conditions.)

INGREDIENTS: Corn Syrup, Sugar, Gelatin, Sorbitol, Citric Acid, Orange Juice Concentrate, Red Grape Concentrate, Broad Spectrum CBD Oil (0.0% THC), Natural Lemon Flavoring, Natural Grape Flavoring, Natural Orange Flavoring, Pectin, Glycerin, Soy Lecithin, Sodium Citrate, Natural Colors

Parameter	Method ¹	Specification	Results
Appearance	QCU002	Molded gummy, round dome shape	PASS
Color		Multi-color	PASS
Cannabinoids		LOQ	(mg/g)
CBD		(ppm)	
		20	0.253
CBD-A		20	ND
Δ9-THC		5	ND
THC-A		5	ND
CBN		5	ND
CBGA	QCU001	5	ND
CBG	(UHPLC-DAD)	5	ND
CBC		5	ND
Δ8-THC		5	ND
CBDV		5	0.006
THCV		5	ND
Potency – Total CBD		90 - 110% of CBD Label Claim (2.5 mg CBD per gram of gummy)	101% of CBD Label Claim (2.53 mg CBD per gram of gummy)
Total THC		0.0%	0.0%
Terpenes ²	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Specification
Pesticides ²	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification
Residual Solvents ²	USP <467>	Refer to Oil Specification	Refer to Oil Specification
Elemental Impurities ²	USP <2232>	Refer to Oil Specification	Refer to Oil Specification
Microbial Limits			
Total yeast & mold	USP	<100 cfu/g	Pass
STEC	<2023>	Absent	Pass
Salmonella		Absent	Pass

Notes: ¹according to Valium Biosciences internal analytical methods, US Pharmacopeia or 3rd party contract laboratory method. ND=Not Detected

The above certificate of analysis is based on Product Specification (QA-FRM3-0005 GU-X-Y-Z-A)
Revision No: 01