



Marco Krause
Dr. MAK's Apothecary
3435 Greystone Drive
Austin, TX 78731
Project T25PG90200113-C
Sample 20 mg d9 gummy
Date Taken Jan 13, 2025

Project # 2501010
Control # 250057

Matrix edible
Date Rec'd Jan 13, 2025

CERTIFICATE OF ANALYSIS

Analyte	CAS	Result	Units	LOQ	Method	Criteria	Status
Sample weight		8.6	g		gravimetric		
Phytocannabinoids							
Cannabichromene (CBC)	20675-51-8	ND	mg	0.1	HPLC-UV		
Cannabicitran (CBT)	31508-71-1	ND	mg	0.1	HPLC-UV		
Cannabidiol (CBD)	13956-29-1	ND	mg	0.1	HPLC-UV		
Cannabidivarin (CBDV)	24274-48-4	ND	mg	0.1	HPLC-UV		
Cannabigerol (CBG)	25654-31-3	ND	mg	0.1	HPLC-UV		
Cannabinol (CBN)	521-35-7	ND	mg	0.1	HPLC-UV		
iso-Tetrahydrocannabinol (iso-THC)	23050-59-1	ND	mg	0.1	HPLC-UV		
iso-Tetrahydrocannabinol (iso-THC)	23050-59-1	0.84	mg	0.1	HPLC-UV		
Δ (6a,10a)-Tetrahydrocannabinol (THC)	95720-02-8	ND	mg	0.1	HPLC-UV		
Δ 8-Tetrahydrocannabinol (THC)	5957-75-5	1.5	mg	0.1	HPLC-UV		
Δ 9-Tetrahydrocannabinol (THC)	1972-08-3	19	mg	0.1	HPLC-UV		
Δ 10-Tetrahydrocannabinol (THC)	95543-62-7	ND	mg	0.1	HPLC-UV		
Δ 8-Tetrahydrocannabinol (THCV)	31262-38-1	ND	mg	0.1	HPLC-UV		
Δ 9-Tetrahydrocannabinol (THCV)	28172-17-0	ND	mg	0.1	HPLC-UV		
Cannabigerolic acid (CBGA)	25555-57-1	ND	mg	0.1	HPLC-UV		
Cannabidiolic acid (CBDA)	1244-58-2	ND	mg	0.1	HPLC-UV		
Tetrahydrocannabinolic acid (THCA)	23978-85-0	ND	mg	0.1	HPLC-UV		
Potency							
Total Cannabinoids		21	mg	0.1	calc		
Total Tetrahydrocannabinols		21	mg	0.1	calc		
Total Δ 9-THC, post decarboxylation		0.22	%	0.1	calc	<0.3+/-0.11	Pass

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LOQ - limit of quantification. ND - not detected above the LOQ
Results on an as-received basis unless otherwise noted
For R&D purposes only

Respectfully submitted,

Mark C. Krause