

Marco Krause  
Dr. MAK's Apothecary  
3435 Greystone Drive  
Austin, TX 78731



Project # 132960  
Control # 118586

Project Batch Release

Sample 22PGBS0500607 50 mg broad spectrum gummy

Matrix edible

Date/Time Taken

Date/Time Rec'd Jun 12, 2022 18:00

### CERTIFICATE OF ANALYSIS

<u>Analyte</u>	<u>CAS</u>	<u>Result</u>	<u>Units</u>	<u>LOQ</u>	<u>Method</u>	<u>Criteria</u>	<u>Status</u>
<b>Potency</b>							
Cannabichromene (CBC)	20675-51-8	0.38	mg	0.1	GC-MS		
Cannabichromevarin (CBCV)	41408-19-9	ND	mg	0.1	GC-MS		
Cannabicitran (CBT)	31508-71-1	0.17	mg	0.1	GC-MS		
Cannabicyclol (CBL)	21366-63-2	ND	mg	0.1	GC-MS		
Cannabidiol (CBD)	13956-29-1	43	mg	0.1	GC-MS		
Cannabidivarin (CBDV)	24274-48-4	ND	mg	0.1	GC-MS		
Cannabigerol (CBG)	25654-31-3	0.49	mg	0.1	GC-MS		
Cannabinol (CBN)	521-35-7	ND	mg	0.1	GC-MS		
Hexahydrocannabinols (HHC)	7663-50-5	ND	mg	0.1	GC-MS		
exo-Tetrahydrocannabinol (THC)	95543-62-7	ND	mg	0.1	GC-MS		
$\Delta$ 3-Tetrahydrocannabinol (THC)	95720-02-8	ND	mg	0.1	GC-MS		
$\Delta$ 8-Tetrahydrocannabinol (THC)	5957-75-5	0.23	mg	0.1	GC-MS		
$\Delta$ 9-Tetrahydrocannabinol (THC)	1972-08-3	ND	mg	0.1	GC-MS		
$\Delta$ 10-Tetrahydrocannabinol (THC)	95543-62-7	ND	mg	0.1	GC-MS		
Tetrahydrocannabivarin (THCV)	28172-17-0	ND	mg	0.1	GC-MS		
Total Cannabinoids		44	mg	0.1	GC-MS		
Total Tetrahydrocannabinols		0.30	mg	0.1	GC-MS		
Total $\Delta$ 9-THC, post decarboxylation		ND	%	0.1	GC-MS	0.3±0.22	Pass
<b>Residual Solvents</b>							
Acetone	67-64-1	ND	mg/Kg	100	USP467M		
Acetonitrile	75-05-8	ND	mg/Kg	100	USP467M		
Benzene	71-43-2	ND	mg/Kg	1	USP467M		
Butanes, total	106-97-8	ND	mg/Kg	100	USP467M		
2-Butanol	78-83-1	ND	mg/Kg	100	USP467M		
Carbon tetrachloride	56-23-5	ND	mg/Kg	2	USP467M		
Cumene	98-82-8	ND	mg/Kg	50	USP467M		
Cyclohexane	3006-86-8	ND	mg/Kg	50	USP467M		
1,1-dichloroethene	75-35-4	ND	mg/Kg	2	USP467M		
1,2-dichloroethane	107-06-2	ND	mg/Kg	2	USP467M		
1,4-Dioxane	123-91-1	ND	mg/Kg	100	USP467M		

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LOQ - limit of quantification. ND - not detected above the LOQ  
Results on an as-received basis unless otherwise noted  
ISO/NELAP TX02610

Respectfully submitted,

Mark C. Krause

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Ethanol	64-17-5	ND	mg/Kg	200	USP467M		
2-Ethoxyethanol	110-80-5	ND	mg/Kg	100	USP467M		
Ethyl acetate	141-78-6	ND	mg/Kg	100	USP467M		
Ethyl ether	60-29-7	ND	mg/Kg	100	USP467M		
Ethylbenzene	100-41-4	ND	mg/Kg	50	USP467M		
Ethylene glycol	107-21-1	ND	mg/Kg	200	USP467M		
Ethylene oxide	75-21-8	ND	mg/Kg	200	USP467M		
Heptanes	142-82-5	ND	mg/Kg	50	USP467M		
Hexanes	110-54-3	ND	mg/Kg	50	USP467M		
Isopropanol	67-63-0	ND	mg/Kg	100	USP467M		
Isopropyl acetate	108-21-4	ND	mg/Kg	100	USP467M		
Methanol	67-56-1	ND	mg/Kg	500	USP467M		
Methylene chloride	75-09-2	ND	mg/Kg	50	USP467M		
Pentanes, total	109-66-0	ND	mg/Kg	100	USP467M		
Propane	74-98-6	ND	mg/Kg	200	USP467M		
Tetrahydrofuran	109-99-9	ND	mg/Kg	50	USP467M		
Toluene	108-88-3	ND	mg/Kg	50	USP467M		
1,1,1-trichloroethane	71-55-6	ND	mg/Kg	2	USP467M		
Trichloroethene	79-01-6	ND	mg/Kg	50	USP467M		
Xylenes, total	1330-20-7	ND	mg/Kg	50	USP467M		

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