

Product Development (R&D)

Report Published: 05/11/2022

Client Name: Kerwell
Address: 939 W Lake St Chicago, IL
Phone: N/A
Certificate Number: 4809
License Number: N/A

Sample Description: Kerwell Sleep Gummies

Batch ID: KSLGUM0522-01

Sample ID: 18-2205-76

Sampling Method: SOP-SMPL-003

Sample Type: Infused Product

Sampling Date: 05/23/2022



Results Summary

Potency

✓ TESTED

Date Analyzed: 05/23/2022

Method Used:
SOP_CANN_001

Terpenes

✓ TESTED

Date Analyzed: 05/25/2022

Method Used:
SOP_TERP_001

Potency
 **TESTED**
Date Analyzed: 05/23/2022
Instrument: Agilent 1260 HPLC

Date Completed: 05/23/2022
Lab Tech: Landen Nickel

Moisture Content (%): 0
Unit Size (g): 3.6

Cannabinoid	Result (%)	Result (mg/g)	Result (mg/unit)	LOD (%)	LOQ (%)	Relative Abundance
CBDVA	ND	ND	ND	0.0050	0.0100	
CBDV	0.014	0.141	0.493	0.0050	0.0100	
CBDA	ND	ND	ND	0.0050	0.0100	
CBD	0.911	9.112	31.892	0.0050	0.0100	█
THCVA	ND	ND	ND	0.0050	0.0100	
THCV	ND	ND	ND	0.0050	0.0100	
THCA	ND	ND	ND	0.0050	0.0100	
Δ9 THC	0.032	0.325	1.125	0.0050	0.0100	
Δ8 THC	ND	ND	ND	0.0050	0.0100	
CBN	0.1752	1.752	6.132	0.0050	0.0100	█
CBCA	ND	ND	ND	0.0050	0.0100	
CBC	ND	ND	ND	0.0050	0.0100	
CBGA	ND	ND	ND	0.0050	0.0100	
CBG	ND	ND	ND	0.0050	0.0100	
Total THC	0.066	0.658	1.125			
Total CBD	1.848	18.483	31.892			
Total Cannabinoids	2.032	20.318	39.692			

Total THC % = (THC% + (THCA% x 0.877)) / (1 - (THCA% + CBDA% + CBGA%) x 0.123)

Total CBD % = (CBD% + (CBDA% x 0.877)) / (1 - (THCA% + CBDA% + CBGA%) x 0.123)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

The reported result for each analyte includes a moisture content correction equal to: Base% / (1 - Moisture%)

Relative Abundance represents the percentage of each analyte compared with the total cannabinoid content.

Terpenes

 **TESTED**

Date Analyzed: 05/25/2022
Instrument: Agilent 6890 GC-FID

Date Completed: 05/25/2022
Lab Tech: Landen Nickel

Moisture Content (%): 0

Terpene	Result (%)	LOD (%)	LOQ (%)
Camphene	ND	0.0028	0.0050
α-Pinene	ND	0.0028	0.0050
β-pinene	ND	0.0028	0.0050
β-myrcene	ND	0.0028	0.0050
(1S)-(+)-3-Carene	ND	0.0028	0.0050
α-Terpinene	ND	0.0028	0.0050
Limonene	ND	0.0028	0.0050
β-Ocimene	ND	0.0020	0.0036
Eucalyptol	ND	0.0028	0.0050
γ-Terpinene	ND	0.0028	0.0050

Terpene	Result (%)	LOD (%)	LOQ (%)
Terpinolene	ND	0.0028	0.0050
Linalool	0.055	0.0028	0.0050
Geraniol	NR	0.0028	0.0050
trans-Caryophyllene	ND	0.0028	0.0050
α-Humulene	0.055	0.0028	0.0050
cis-Nerolidol	NR	0.0012	0.0020
trans-Nerolidol	NR	0.0017	0.0029
Caryophyllene Oxide	ND	0.0028	0.0050
Guaiol	NR	0.0028	0.0050
α-Bisabolol	NR	0.0028	0.0050
Total Terpene Content	0.110		

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