![Bia Diagnostics Laboratories logo]

Bia Diagnostics
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Lic# TLAB0029

OG Kush

Sample ID: BIA240508S0017
Strain: HL6

Matrix: Plant
Type: Flower - Cured
Sample Size: 6 g
Lot#:

Produced:
Collected:
Received: 05/08/2024
Completed: 05/16/2024
Batch#:

Client
Burrington Hill Co.

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/13/2024	Complete
Moisture	05/09/2024	9.90% - Complete
Water Activity	05/09/2024	0.485 aw - Complete
Microbials	05/16/2024	Complete

Cannabinoids

Completed

19.01% Total THC	0.05% Total CBD	22.40% Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	0.06	0.6		▏
CBGa	0.0008	0.66	6.6		■
CBG	0.0019	0.08	0.8		▏
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.52	5.2		■
Δ8-THC	0.0019	<LOQ	<LOQ		
THCa	0.0034	21.09	210.9		▬▬▬▬▬▬▬▬
CBC	0.0024	<LOQ	<LOQ		
Total THC		**19.01**	**190.10**		
Total CBD		**0.05**	**0.52**		
Total		**22.40**	**224.02**	**0.00**	

Analyst: 056
Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)
Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
TotalTHC=(THCAx0.877)+Δ9-THC
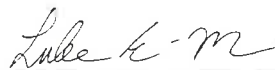Total CBD = (CBDA x 0.877) + CBD Reagent
Blanks: < LOQs for all analytes
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).
All results reflect dry weight of material, based on % moisture of the sample.
Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%
All other cannabinoid MU values are available upon request.
All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

![QR code]

Luke E-M

Luke Emerson-Mason
Laboratory Director
05/16/2024