



Certificate ID: **130379**

Received: **2/13/25**

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GoodLeaf Hemp Therapeutics Ltd.

1000 W Horsetooth Road, Apt A12

Fort Collins, CO 80526

Client Sample ID: **2300mg Pain Butter Class (Alm,Euc,Lav,FrKMr)**

Lot Number: **GL011027PB2300**

Matrix: **Topicals-Whipped Butter**

Authorization:

Andrew Aubin, Lab Director

Signature:



Date:

2/18/2025



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: *SD*

Test Date: *2/17/2025*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

130379-CN

ID	Weight %	Concentration (mg/g)			
Δ9-THC	ND	ND			
THCV	ND	ND			
CBD	3.78	37.8			
CBDV	0.0162	0.162			
CBG	0.303	3.03			
CBC	ND	ND			
CBN	0.131	1.31			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
CBDVA	ND	ND			
Δ8-THC	ND	ND			
exo-THC	ND	ND			
Total	4.23	42.3	0%	Cannabinoids (wt%)	3.78%
Total THC	ND	ND		Limit of Quantitation (LOQ) = 0.0107 wt%	
Total CBD	3.78	37.8		Limit of Detection (LOD) = 0.00357 wt%	

Total THC (and Total CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Total THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

END OF REPORT