

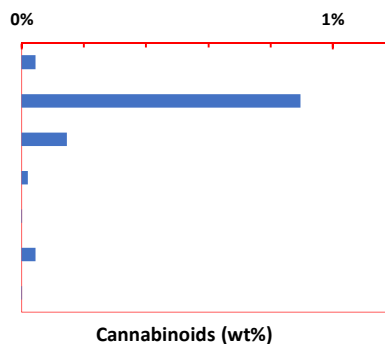


ILS Certification ID: 1380
 Client Sample ID: Integrated Hemp Solutions
 Sample Name: Batch# B190712L
 Matrix: CBD oil in Grapeseed Oil
 Received: 7/15/2019
 Test Date: 7/15/2019

Authorization: <i>Xuejun Sean Zhong, Ph.D.</i>	Date: 7/16/2019
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Cannabinoid Profile & Potency (LC-MS/MS CBX2.0)

Compound	mg/g	wt%
CBC	0.45	0.04%
CBD	8.97	0.90%
CBDA	1.47	0.15%
CBG	0.21	0.02%
CBN	0.02	0.00%
delta-9-THC	0.45	0.04%
THCA	0.01	0.00%
Total	11.57	1.16%
MaxTHC	0.45	0.05%
MaxCBD	10.25	1.03%



Ratio of Total CBD to THC = 22.56

Max THC = 0.877xTHCA + THC; Assuming full conversion of THCA to THC through decarboxylation after heating

Max CBD= 0.877xCBDA + CBD; Assuming full conversion of CBDA to CBD through decarboxylation after heating