

Sample Received: 4/26/2019

Report Date: 4/30/2019

### HEMP CHEW - CBD 20-PACK SINGLE SERVING (25MG CBD)

Potency Test Report

Sample: **HJ022-E x** (Edible)

Item Notes:

CANNABINOID LEVELS		
	mg/gram	mg/unit
THC	0.12	0.39
THC-A	N/D	N/D
CBD	8.59	25.72
CBD-A	N/D	N/D
CBN	N/D	N/D
CBG	< LLOQ	< LLOQ
CBG-A	N/D	N/D
CBC	N/D	N/D
THCV	N/D	N/D
<b>Total</b>	<b>8.71</b>	<b>26.11</b>

ADDITIONAL INFORMATION	
Servings per Package	20
CBD Conversion**	100.00%
Homogeneity Test	PASS
Within Permitted Variance	PASS

**A 1 serving package contains 0.39 mg of Active THC**

**A 1 serving package contains 25.72 mg of Active CBD**

\*Total THC = THC + (THCA · 0.877). This formula is derived from the fact that the THCA molecule loses mass (carbon dioxide) during conversion to THC (known as decarboxylation). Similar conversion factors are used for other acidic cannabinoids such as CBDA. Depending on the nature of the product being analyzed, the "Total" value may be expressed as either mg/g, mg/mL or as a percentage by weight.

\*\* This shows the amount of initial THC-A converted to THC by the time of testing. At harvest, this number is near zero. For well-cured plant material, this figure generally ranges from 5% to 20%. For edibles, tinctures and topicals, this number should be over 85%.

< LLOQ = Concentrations are below the Lower Limit of Quantitation (LLOQ) for this assay. LLOQ is defined as the lowest concentration at which the analyte can not only be reliably detected, but at which some predefined goals for bias and imprecision are met. The LLOQ for this assay is fixed at 25 µg/mL (= 0.0025 mg/mL), although the percentage by weight this equates to in the product will vary according to the actual dilution factor used for the individual analysis.

N/D = Not Detected. The limit of detection (LOD) is usually defined as the lowest quantity or concentration of a component that can be reliably detected (but not necessarily quantified) with a given analytical method.

Homogeneity is determined by the relative standard deviation (%RSD) of the four replicates. The product passes for homogeneity if the RSD is less than ± 15%.

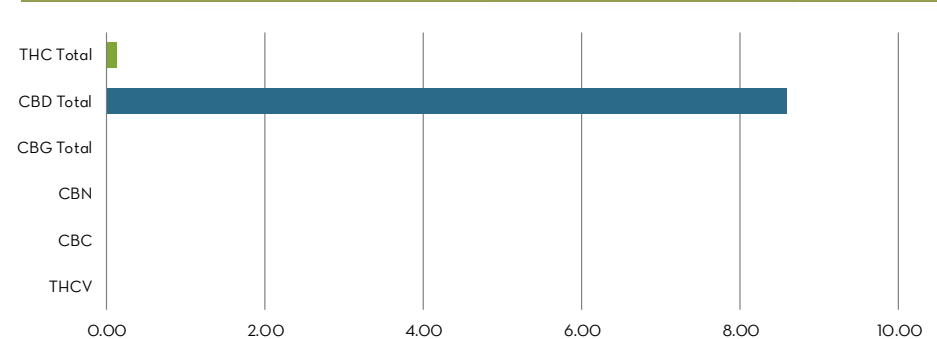
Sample HJ022-E x

**TOTAL THC\*: .012% (0.39MG)**

THC + THC-A\*, mg per package

**TOTAL CBD\*: 25.72MG**

CBD + CBD-A\*, mg per package



RM3 ID	WT (G)	MG THC/G	MG THC	MG CBD/G	MG CBD
HJ022-E xA	3.23	0.12	0.40	8.85	28.61
HJ022-E xB	2.77	< LLOQ	< LLOQ	8.52	23.65
HJ022-E xC	3.17	0.12	0.38	8.50	26.95
HJ022-E xD	2.79	< LLOQ	< LLOQ	8.48	23.67
Averages (n=4)		0.12	0.39	8.59	25.72
RSD (n=4)		57.74%	57.76%	2.05%	9.63%

Authorized by: Roy Turton, Interim Lab Director

ISO/IEC 17025:2017

