

certificate ID  
**2KD64**

# HB701 Certificate of Compliance



C-100279-001

issue date 10/8/22 2:48 PM

This Product Has Been Tested and Meets the Quality Assurance Requirements of the State of Montana

Stillwater Laboratories

15275  
order

Incoming Inspection MSP-7.5.1.2

Potency MSP-7.5.1.4

LOD LOQ error

DESCRIPTION: Trimmed bud sample (1.10g) received 10/5/2022 2:45:45 PM in a marked 50mL Falcon tube, collected at dispensary/grow. 1 and sample tag B2NGH.



SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

### Pass / Fail Criteria

**Microbial** MSP-7.5.1.10b  
not required / not requested

**Pesticides** MSP-7.5.1.8  
not required / not requested

**Solvents** MSP-7.5.1.7  
not required / not requested

**Mycotoxins** MSP-7.5.1.8  
not required / not requested

**Moisture** MSP-7.5.1.3  
not required / not requested

**Metals** MSP-7.5.1.7  
FAIL: no failures  
PASS: Arsenic, Cadmium, Lead, Mercury

Certified by:



https://customer.a2la.org/index.cfm?event=directory.detail&labPID=423635B2-5128-4C6F-871A-419DCF43B0D7

Stillwater Laboratories Inc.  
MT License L100060-002  
6073 US93N Suite 5, Olney MT 59927  
Ph 406-881-2019. www.stwlab.com

These results are only valid for the samples tested. • Potency (cannabinoid concentration) is calculated as: [cannabinoid] = [cannabinoid]<sub>HPLC</sub> x volume<sub>dilution</sub>/m<sub>dry</sub>. • Decarboxyted cannabinoid concentration is calculated XXX<sub>total</sub> = 0.877 x XXX<sub>a</sub> + XXX • Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; LOD is the limit of detection (3.3s), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula s<sub>g</sub><sup>2</sup> = Σ (∂f/∂i)<sup>2</sup> s<sub>i</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ± t<sub>CL90</sub> x s<sub>g</sub>. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. ‡ = decarbed, \* = analyte is off-scope.

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# ANALYTICAL DATA

Stillwater  
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Report Version: 1  
Analysis Location: L-100060-

15275  
order

order 15275  
rec'd date 10/5/2022 2:45:45 PM  
issue date 10/8/2022 2:48:11 PM

## Methods and Instruments

MSP-7.3.1.1	BAL-05	10/5/2022	MSP-7.5.1.7	QP2020/HS20	10/6/2022
MSP-7.5.1.2	YSC HD801m12	10/6/2022	MSP-7.5.1.8	LCMS8060	10/6/2022
MSP-7.5.1.3	6MOC63u	10/6/2022	MSP-7.5.1.8	LCMS8060	10/6/2022
MSP-7.5.1.4	LC-2030C	10/6/2022	MSP-7.5.1.10b	Hardy Diag	10/6/2022
MSP-7.5.1.6	QP2020/HS20	10/6/2022	MSP-7.5.1.11	ICPMS2030	10/6/2022 L-100060-002

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## Metals

	MSP-7.5.1.7	limit	LOD	LOQ	error	result
Arsenic	150 ppb	2000 ppb	8.0	24.0	±26.5 ppb	PASS
Cadmium	ND	820 ppb	8.6	25.8	±25.8 ppb	PASS
Lead	91 ppb	1200 ppb	13.4	40.3	±41.8 ppb	PASS
Mercury	ND	400 ppb	6.8	20.3	±20.3 ppb	PASS

**These results are only valid for the samples tested.** • Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; LOD is the limit of detection (3.3s), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula  $s_g^2 = \sum (\partial f / \partial i)^2 s_i^2$  where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ±  $t_{CL90} \times S_g$ . Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable.

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