

**Certificate of Analysis**

Sample Description: HVMN Ketone \_\_\_\_\_  
Sample Lot Number: 192691 \_\_\_\_\_  
Lab Sample Number: 283-19-1 \_\_\_\_\_

Completed Date: 10/15/2019  
Best By Date: 09/2020  
Client Name: HVMN

**Analytical Testing**

Analysis	Method	Results	Date
25 grams of ΔG Ketone Ester	Quantified by input	Pass	09/26/2019

**Microbiological Testing**

Test	Method	Specification	Results (units)	Date
†Total Plate Count	ARL-USP <2021>	<10,000 cfu/g	None Detected (cfu's/g)	10/15/2019
†E. coli	ARL-USP <2022>	Negative / 10g	Absent (cfu's/10g)	10/15/2019
†Staphylococcus aureus	ARL-USP <2022>	Negative / 10g	Absent (cfu's/10g)	10/15/2019
†Salmonella	ARL-USP <2022>	Negative / 10g	Absent (cfu's/10g)	10/15/2019
†Pseudomonas aeruginosa	ARL-USP <62>	Negative / 10g	Absent (cfu's/10g)	10/15/2019
†Yeast (Rapid)	ARL- AOAC RI	<200 cfu/g	None Detected (cfu's/g)	10/15/2019
†Mold (Rapid)	ARL- AOAC RI	<200 cfu/g	None Detected (cfu's/g)	10/15/2019
†Enterobacteriaceae	ARL-AOAC 2003.01	<50 cfu/g	None Detected (cfu's/g)	10/15/2019

**Physical Testing**

Test	Method	Specification	Results	Date
Brix	ECME-SOP LAB-113	N/A	30.6%	10/14/2019
pH	ECME-SOP LAB-113	3.7 – 4	4.00	10/14/2019
Density	ECME-SOP LAB-113	1.03 – 1.07 g/mL	1.05 g/mL	10/14/2019
Appearance	ECME-SOP LAB-113	Liquid	Liquid	10/14/2019
Color	ECME-SOP LAB-113	Clear	Clear	10/14/2019
Odor/Aroma	ECME-SOP LAB-113	Slightly bitter w/fruity, sweet flavor	Fruity	10/14/2019
Taste	ECME-SOP LAB-113	Fruity/Sweet	Fruity/Sweet + Slightly Bitter	10/14/2019

**Lab Comments:**

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† TESTED BY AN OUTSIDE LABORATORY.

Results Approved by:   
Quality

Date: 10/15/19