



# MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890

2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724

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1637 230TH AVE  
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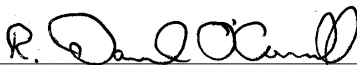
Report Date: 29 Jan 2020  
Work Order #: 17-3254  
Account #: 63037  
PO #: CREDIT CARD  
Date Received: 16 Jan 2020

Sample ID: NSH 500-0001  
Hemp Sample Type: OIL

Lab Number: 20-N334	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	23 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	23 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	1.2 %	AOAC 2018.10	JLH	23 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	1.2 %	AOAC 2018.10	JLH	23 Jan 20

Approved by:

  
Dan O'Connell

  
David Smahel

Chemistry Laboratory Managers New Ulm, MN



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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 1000-0001

Hemp Sample Type: OIL

Lab Number: 20-N335	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	23 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	23 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	2.6 %	AOAC 2018.10	JLH	23 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	2.6 %	AOAC 2018.10	JLH	23 Jan 20

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 1500-0001

Hemp Sample Type: OIL

Lab Number: 20-N336	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	23 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	23 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	3.7 %	AOAC 2018.10	JLH	23 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	3.7 %	AOAC 2018.10	JLH	23 Jan 20

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Report Date: 29 Jan 2020  
Work Order #: 17-3254  
Account #: 63037  
PO #: CREDIT CARD  
Date Received: 16 Jan 2020

Sample ID: NSH 2500-0001

Hemp Sample Type: OIL

Lab Number: 20-N337	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	0.3 %	AOAC 2018.10	JLH	23 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	0.3 %	AOAC 2018.10	JLH	23 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	6.2 %	AOAC 2018.10	JLH	23 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	6.2 %	AOAC 2018.10	JLH	23 Jan 20

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Report Date: 29 Jan 2020  
Work Order #: 17-3254  
Account #: 63037  
PO #: CREDIT CARD  
Date Received: 16 Jan 2020

Sample ID: NSH 5000-0001

Hemp Sample Type: OIL

Lab Number: 20-N338	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	0.3 %	AOAC 2018.10	JLH	23 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	0.3 %	AOAC 2018.10	JLH	23 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	15.6 %	AOAC 2018.10	JLH	23 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	23 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	15.6 %	AOAC 2018.10	JLH	23 Jan 20
<b>Heavy Metals - As Received</b>				
Arsenic	< 0.049 mg/Kg	AOAC 2013.06	KAM	21 Jan 20 17:58
Cadmium	< 0.01 mg/Kg	AOAC 2013.06	KAM	21 Jan 20 17:58
Lead	< 0.01 mg/Kg	AOAC 2013.06	KAM	21 Jan 20 17:58
Mercury	< 0.02 mg/Kg	AOAC 2013.06	KAM	21 Jan 20 17:58

Pesticide analysis completed at outside laboratory

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 1000TF-0001

Hemp Sample Type: OIL

Lab Number: 20-N339	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	3.4 %	AOAC 2018.10	JLH	26 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	3.4 %	AOAC 2018.10	JLH	26 Jan 20

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 2500TF-0001

Hemp Sample Type: OIL

Lab Number: 20-N340	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	8.0 %	AOAC 2018.10	JLH	26 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	8.0 %	AOAC 2018.10	JLH	26 Jan 20

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH CRUDE-0001

Hemp Sample Type: OIL

Lab Number: 20-N341	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
THC-A	3.5 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	<b>3.1 %</b>	<b>AOAC 2018.10</b>	<b>JLH</b>	<b>26 Jan 20</b>
<b>Cannabinoid Profile - As Received</b>				
CBD	1.6 %	AOAC 2018.10	JLH	26 Jan 20
CBDA	66.5 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	<b>59.9 %</b>	<b>AOAC 2018.10</b>	<b>JLH</b>	<b>26 Jan 20</b>

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 500BL-0001

Hemp Sample Type: OIL

Lab Number: 20-N342	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	1.3 %	AOAC 2018.10	JLH	26 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	1.3 %	AOAC 2018.10	JLH	26 Jan 20

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 750MC-0001

Hemp Sample Type: OIL

Lab Number: 20-N343	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	2.0 %	AOAC 2018.10	JLH	26 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	2.0 %	AOAC 2018.10	JLH	26 Jan 20

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Report Date: 29 Jan 2020

Work Order #: 17-3254

Account #: 63037

PO #: CREDIT CARD

Date Received: 16 Jan 2020

Sample ID: NSH 1000MG-0001

Hemp Sample Type: OIL

Lab Number: 20-N344	MVTL License Number: 20204817	Client License Number: 20203425
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Analyte	Results	Method Reference	Analyst	Date Analyzed
<b>THC - As Received</b>				
d-9-THC	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
THC-A	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total THC (THC + (THCA x 0.877))</b>	< 0.2 %	AOAC 2018.10	JLH	26 Jan 20
<b>Cannabinoid Profile - As Received</b>				
CBD	2.4 %	AOAC 2018.10	JLH	26 Jan 20
CBDA	< 0.1 %	AOAC 2018.10	JLH	26 Jan 20
<b>Total CBD (CBD + (CBDA x 0.877))</b>	2.4 %	AOAC 2018.10	JLH	26 Jan 20

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