



True North Analytical
2656 Patton Road
Roseville, MN 55113

(612) 497-9626
https://truenorthanalytical.com
Lic#

Regulatory Compliance Testing

1 of 4

Item Name: mandarin cookies buds - A

METRC Sample: 1A4140300001DB1000000034; METRC Batch: 1A4140300001DB1000000031; METRC Manifest #: 0000380807

Initial Test

Sample ID: 2605TNA0075.0172
Strain: mandarin cookies
Matrix: Plant
Type: Flower - Cured
Sample Size: 45.21 g; Batch:
Produced:
Collected:
Received: 05/01/2026
Completed: 05/15/2026
Batch#:
Client
Valhalla Cannabis Company
Lic. #
PO Box 1047
St. Cloud, MN 56303



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	05/13/2026	Complete
Moisture	05/05/2026	7.770% - Complete
Water Activity	05/05/2026	0.547 aw - Pass
Terpenes	05/12/2026	Complete
Microbials	05/12/2026	Pass
Mycotoxins	05/12/2026	Pass
Pesticides	05/12/2026	Pass
Heavy Metals	05/12/2026	Pass
Foreign Matter	05/06/2026	Pass

Cannabinoids

Complete

16.3%		ND		19.3%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOQ	Measurement Uncertainty	Result	Result	
	%	%	%	mg/g	
THCa	0.379	0.616	18.1	181	
Δ9-THC	0.379	0.0141	0.414	4.14	
Δ8-THC	0.379	0.00	<LOQ	<LOQ	
THCVa	0.379	0.00	<LOQ	<LOQ	
THCV	0.379	0.00	<LOQ	<LOQ	
CBDa	0.379	0.00	<LOQ	<LOQ	
CBD	0.379	0.00	<LOQ	<LOQ	
CBDVa	0.379	0.00	<LOQ	<LOQ	
CBDV	0.379	0.00	<LOQ	<LOQ	
CBN	0.379	0.00	<LOQ	<LOQ	
CBGa	0.379	0.0271	0.798	7.98	
CBG	0.379	0.00	<LOQ	<LOQ	
CBCa	0.379	0.00	<LOQ	<LOQ	
CBC	0.379	0.00	<LOQ	<LOQ	
Total			19.3	193	

Date Prepared: , Date Tested: 05/13/2026
1 Unit = 0.000g
Total THC = %Δ9-THC + (%THCa x 0.877)
Total CBD = %CBD + (%CBDa x 0.877)
Total Cannabinoids = Sum of all compounds.
Refer to Cannabis Technical Authority: Standards for Sampling and Testing Cannabis and Hemp Products Section VII for full cannabinoid names.
Analysis performed as described in SOP-0169, Analyst: ZDR
Mass Analyzed (g): 0.211

7.770% Complete Moisture Content Analyst: LAH Date Tested/ Prepared: 05/05/2026 Mass Analyzed (g): 0.2931	0.547 aw Pass MU: 0.00339264 Water Activity Analyst: LAH Date Tested/ Prepared: 05/05/2026 Mass Analyzed (g): 0.2931	Pass Foreign Matter Analyst: TA Date Tested/ Prepared: 05/06/2026 Mass Analyzed (g): 15.264
--	--	---



Zachary D. Remillard
Zachary Remillard
Director of Chemistry
05/15/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statutes 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.



True North Analytical
2656 Patton Road
Roseville, MN 55113

(612) 497-9626
https://truenorthanalytical.com
Lic#

Regulatory Compliance Testing

2 of 4

Item Name: mandarin cookies buds - A

METRC Sample: 1A4140300001DB1000000034; METRC Batch: 1A4140300001DB1000000031; METRC Manifest #: 0000380807

Initial Test

Sample ID: 2605TNA0075.0172	Produced:	Client
Strain: mandarin cookies	Collected:	Valhalla Cannabis Company
Matrix: Plant	Received: 05/01/2026	Lic. #
Type: Flower - Cured	Completed: 05/15/2026	PO Box 1047
Sample Size: 45.21 g; Batch:	Batch#:	St. Cloud, MN 56303

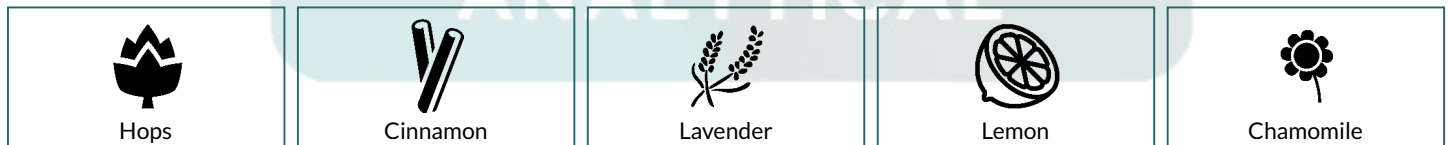
Terpenes

Analyte	LOQ	Measurement Uncertainty	Result	Result
	%	%	%	mg/g
β-Myrcene	0.0231	0.0153	0.264	2.64
β-Caryophyllene	0.0231	0.0140	0.241	2.41
α-Humulene	0.0231	0.00445	0.0768	0.768
Linalool	0.0231	0.00324	0.0559	0.559
δ-Limonene	0.0231	0.00303	0.0522	0.522
(-)-α-Bisabolol	0.0231	0.00197	0.0340	0.340
3-Carene	0.0231	0.00	<LOQ	<LOQ
α-Pinene	0.0231	0.00	<LOQ	<LOQ
α-Terpinene	0.0231	0.00	<LOQ	<LOQ
β-Pinene	0.0231	0.00	<LOQ	<LOQ
Camphene	0.0231	0.00	<LOQ	<LOQ
Caryophyllene Oxide	0.0231	0.00	<LOQ	<LOQ
Eucalyptol	0.0231	0.00	<LOQ	<LOQ
γ-Terpinene	0.0231	0.00	<LOQ	<LOQ
Geraniol	0.0231	0.00	<LOQ	<LOQ
Guaiol	0.0231	0.00	<LOQ	<LOQ
Nerolidol	0.0231	0.00	<LOQ	<LOQ
Ocimene	0.0231	0.00	<LOQ	<LOQ
(-)-Isopulegol	0.0231	0.00	<LOQ	<LOQ
p-Cymene	0.0231	0.00	<LOQ	<LOQ
Terpinolene	0.0231	0.00	<LOQ	<LOQ
Total			0.724	7.239

Date Prepared: 05/11/2026, Date Tested: 05/12/2026
Analysis performed as described in SOP-0170.

Analyst: TA
Mass Analyzed (g): 0.211

Primary Aromas



Zachary D. Remillard
Zachary Remillard
Director of Chemistry
05/15/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statutes 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.



True North Analytical
2656 Patton Road
Roseville, MN 55113

(612) 497-9626
https://truenorthanalytical.com
Lic#

Item Name: mandarin cookies buds - A

METRC Sample: 1A4140300001DB1000000034; METRC Batch: 1A4140300001DB1000000031; METRC Manifest #: 0000380807

Initial Test

Sample ID: 2605TNA0075.0172

Produced:

Client

Strain: mandarin cookies

Collected:

Valhalla Cannabis Company

Matrix: Plant

Received: 05/01/2026

Lic. #

Type: Flower - Cured

Completed: 05/15/2026

PO Box 1047

Sample Size: 45.21 g; Batch:

Batch#:

St. Cloud, MN 56303

Pesticides

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status	Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPM	PPM	PPM	PPM			PPM	PPM	PPM	PPM	
Abamectin	0.400	0.5	0.00	<LOQ	Pass	Fludioxonil	0.200	0.4	0.00	<LOQ	Pass
Acephate	0.200	0.4	0.00	<LOQ	Pass	Hexythiazox	0.400	1	0.00	<LOQ	Pass
Acequinocyl	1.00	2	0.00	<LOQ	Pass	Imazalil	0.0800	0.2	0.00	<LOQ	Pass
Acetamiprid	0.0800	0.2	0.00	<LOQ	Pass	Imidacloprid	0.200	0.4	0.00	<LOQ	Pass
Azadirachtin	0.400	1	0.00	<LOQ	Pass	Kresoxim	0.200	0.4	0.00	<LOQ	Pass
Azoxystrobin	0.0800	0.2	0.00	<LOQ	Pass	Methyl	0.200	0.4	0.00	<LOQ	Pass
Bifenazate	0.0800	0.2	0.00	<LOQ	Pass	Malathion	0.0800	0.2	0.00	<LOQ	Pass
Bifenthrin	0.0800	0.2	0.00	<LOQ	Pass	Metalaxyl	0.0800	0.2	0.00	<LOQ	Pass
Boscalid	0.200	0.4	0.00	<LOQ	Pass	Methiocarb	0.0800	0.2	0.00	<LOQ	Pass
Carbaryl	0.0800	0.2	0.00	<LOQ	Pass	Methomyl	0.200	0.4	0.00	<LOQ	Pass
Chlorantraniliprole	0.0800	0.2	0.00	<LOQ	Pass	Myclobutanil	0.0800	0.2	0.00	<LOQ	Pass
Chlorfenapyr	0.400	1	0.00	<LOQ	Pass	Naled	0.400	0.5	0.00	<LOQ	Pass
Chlormequat chloride	0.0800	0.2	0.00	<LOQ	Pass	Oxamyl	0.400	1	0.00	<LOQ	Pass
Chlorpyrifos	0.0800	0.2	0.00	<LOQ	Pass	Paclobutrazol	0.200	0.4	0.00	<LOQ	Pass
Clofentazine	0.0800	0.2	0.00	<LOQ	Pass	Permethrins	0.200	0.3	0.00	<LOQ	Pass
Cyfluthrin	0.400	1	0.00	<LOQ	Pass	Phosmet	0.0800	0.2	0.00	<LOQ	Pass
Cypermethrin	0.400	1	0.00	<LOQ	Pass	Piperonyl	1.00	2	0.00	<LOQ	Pass
Daminozide	0.400	1	0.00	<LOQ	Pass	Butoxide					
Diazinon	0.0400	0.2	0.00	<LOQ	Pass	Prallethrin	0.0800	0.2	0.00	<LOQ	Pass
Dichlorvos	0.0800	0.1	0.00	<LOQ	Pass	Propiconazole	0.200	0.4	0.00	<LOQ	Pass
Dimethoate	0.0800	0.2	0.00	<LOQ	Pass	Propoxur	0.0800	0.2	0.00	<LOQ	Pass
Etofenprox	0.200	0.4	0.00	<LOQ	Pass	Pyrethrins	0.400	1	0.00	<LOQ	Pass
Etoxazole	0.0800	0.2	0.00	<LOQ	Pass	Pyridaben	0.0800	0.2	0.00	<LOQ	Pass
Fenoxycarb	0.0800	0.2	0.00	<LOQ	Pass	Spinosad	0.0800	0.2	0.00	<LOQ	Pass
Fenpyroximate	0.200	0.4	0.00	<LOQ	Pass	Spiromesifen	0.100	0.2	0.00	<LOQ	Pass
Fipronil	0.200	0.4	0.00	<LOQ	Pass	Spirotetramat	0.0800	0.2	0.00	<LOQ	Pass
Fonicamid	0.400	1	0.00	<LOQ	Pass	Tebuconazole	0.200	0.4	0.00	<LOQ	Pass
						Thiamethoxam	0.0800	0.2	0.00	<LOQ	Pass
						Trifloxystrobin	0.0800	0.2	0.00	<LOQ	Pass

Date Prepared: , Date Tested: 05/12/2026
Analysis performed as described in SOP-0171.
Analyst: ATM
Mass Analyzed (g): 0.521

Mycotoxins

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPB	PPB	PPB	PPB	
B1	0.100	5	0.00	<LOQ	Pass
B2	0.200	20	0.00	<LOQ	Pass
G1	0.200	20	0.00	<LOQ	Pass
G2	0.200	20	0.00	<LOQ	Pass
Ochratoxin A	0.200	20	0.00	<LOQ	Pass
Total Aflatoxins		20		<LOQ	Pass
Total Mycotoxins		20		<LOQ	Pass

Date Prepared: , Date Tested: 05/12/2026
Analysis performed as described in SOP-0171.
Analyst: ATM
Mass Analyzed (g): 0.521



Zachary Remillard
Director of Chemistry
05/15/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statutes 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.



True North Analytical
2656 Patton Road
Roseville, MN 55113

(612) 497-9626
https://truenorthanalytical.com
Lic#

Item Name: mandarin cookies buds - A

METRC Sample: 1A4140300001DB1000000034; METRC Batch: 1A4140300001DB1000000031; METRC Manifest #: 0000380807

Initial Test

Sample ID: 2605TNA0075.0172 Produced: Client
Strain: mandarin cookies Collected: Valhalla Cannabis Company
Matrix: Plant Received: 05/01/2026 Lic. #
Type: Flower - Cured Completed: 05/15/2026 PO Box 1047
Sample Size: 45.21 g; Batch: Batch#: St. Cloud, MN 56303

Heavy Metals

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.100	0.2	0.000538	<LOQ	Pass
Cadmium	0.100	0.2	0.000189	<LOQ	Pass
Lead	0.100	0.5	0.000309	<LOQ	Pass
Mercury	0.0500	0.1	0.000363	<LOQ	Pass

Date Prepared: 05/11/2026, Date Tested: 05/12/2026
Analysis performed as described in SOP-0172.
Analyst: TA
Mass Analyzed (g): 0.62

Microbials

Pass

Test Type	Analysis By	Limit	Measurement Uncertainty	Mass	Status
		CFU/g		CFU/g	
Aerobic Bacteria	PCR	100000	7.60	3280	Pass
Aspergillus SPP	PCR	0		Not Detected	Pass
Enterobacteriaceae	Petrifilm	1000	4.10	ND	Pass
Salmonella	PCR	0		Not Detected	Pass
Shiga Toxin E. Coli	PCR	0		Not Detected	Pass
Yeast & Mold		100000	7.40	ND	Pass

Date Prepared: 05/01/2026, Date Tested: 05/12/2026
Aspergillus spp. includes Aspergillus niger, Aspergillus flavus, Aspergillus fumigatus, Aspergillus terreus. Procedures followed SOP-0166, SOP-0167, SOP-0168, SOP-0174, SOP-0175 and SOP-0176. Measurement of Uncertainty is a percentage of the reported value.
Analyst: Taylor Thompson/Nicole Groth
Analytical Batch ID: NPL-051126-A, SSAF-051126-A, NP-051326-A, PCR-051226-B, PCR-051426-B
Nonpathogenic Weight (g): 11.18, Salmonella and STEC Weight (g): 9.75g, Aspergillus Weight (g): 9.75



Zachary Remillard
Director of Chemistry
05/15/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statutes 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.