



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 24-014484/D001.R000  
**Report Date:** 01/06/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/23/24 12:25

**Customer:** Flying Skull Plant Products  
**Product identity:** Nuke Em 241223OR  
**Metrc ID:** .  
**Metrc Source ID:**  
**Laboratory ID:** 24-014484-0001

### Summary

-----  
**Pesticides:**

*All analytes passing and less than LOQ.*

**Microbiology:**

*Less than LOQ for all analytes.*

-----



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794



**Report Number:** 24-014484/D001.R000  
**Report Date:** 01/06/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/23/24 12:25

**Customer:** Flying Skull Plant Products

**Product identity:** Nuke Em 241223OR

**Metrc ID:** .

**Metrc Source ID:**

**Material:** Other

**Sample Date:**

**Laboratory ID:** 24-014484-0001

**Evidence of Cooling:** No

**Temp:** 21.6 °C

### Sample Results

Microbiology							
Analyte	Result	Limits	Units	LOQ	Batch	Analyzed Method	Status Notes
E.coli	< LOQ		cfu/g	10	2409891	12/30/24 AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ		cfu/g	10	2409891	12/30/24 AOAC 991.14 (Petrifilm)	
Mold (RAPID Petrifilm)	< LOQ		cfu/g	10	2409892	12/31/24 AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ		cfu/g	10	2409892	12/31/24 AOAC 2014.05 (RAPID)	



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794

**Report Number:** 24-014484/D001.R000  
**Report Date:** 01/06/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/23/24 12:25



Pesticides						Method: AOAC 2007.01 & EN 15662 (mod)						Units mg/kg		Batch 2500025		Analyze 01/02/25 02:45 PM			
Analyte	Result	Limits	LOQ	Status	Notes	Analyte	Result	Limits	LOQ	Status	Notes								
Abamectin	< LOQ		0.250			Acephate	< LOQ		0.200										
Acequinocyl	< LOQ		1.00			Acetamiprid	< LOQ		0.100										
Aldicarb	< LOQ		0.200			Azoxystrobin	< LOQ		0.100										
Bifenazate	< LOQ		0.100			Bifenthrin	< LOQ		0.100										
Boscalid	< LOQ		0.200			Carbaryl	< LOQ		0.100										
Carbofuran	< LOQ		0.100			Chlorantraniliprole	< LOQ		0.100										
Chlorfenapyr	< LOQ		0.500			Chlorpyrifos-ethyl	< LOQ		0.100										
Clofentezine	< LOQ		0.100			Cyfluthrin (sum )	< LOQ		0.500										
Cypermethrin and	< LOQ		0.500			Daminozide	< LOQ		0.500										
Diazinon	< LOQ		0.100			Dichlorvos	< LOQ		0.500										
Dimethoate	< LOQ		0.100			Ethoprophos	< LOQ		0.100										
Etofenprox	< LOQ		0.200			Etoxazole	< LOQ		0.100										
Fenoxycarb	< LOQ		0.100			Fenpyroximate	< LOQ		0.200										
Fipronil	< LOQ		0.200			Flonicamid	< LOQ		0.400										
Fludioxonil	< LOQ		0.200			Hexythiazox	< LOQ		0.400										
Imazalil	< LOQ		0.100			Imidacloprid	< LOQ		0.200										
Kresoxim-methyl	< LOQ		0.200			Malathion	< LOQ		0.100										
Metalaxyl	< LOQ		0.100			Methiocarb	< LOQ		0.100										
Methomyl	< LOQ		0.200			MGK-264	< LOQ		0.100										
Myclobutanil	< LOQ		0.100			Naled	< LOQ		0.250										
Oxamyl	< LOQ		0.500			Paclotrazole	< LOQ		0.200										
Parathion-methyl	< LOQ		0.100			Permethrin	< LOQ		0.100										
Phosmet	< LOQ		0.100			Piperonyl butoxide	< LOQ		1.00										
Prallethrin	< LOQ		0.100			Propiconazole	< LOQ		0.200										
Propoxur	< LOQ		0.100			Pyrethrin I (total)	< LOQ		0.500										
Pyridaben	< LOQ		0.100			Spinosad	< LOQ		0.100										
Spiromesifen	< LOQ		0.100			Spirotetramat	< LOQ		0.100										
Spiroxamine	< LOQ		0.200			Tebuconazole	< LOQ		0.200										
Thiacloprid	< LOQ		0.100			Thiamethoxam	< LOQ		0.100										
Trifloxystrobin	< LOQ		0.100																



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 24-014484/D001.R000  
**Report Date:** 01/06/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/23/24 12:25

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

**Units of Measure**

cfu/g = Colony forming units per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

% wt =  $\mu\text{g/g}$  divided by 10,000



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794

**Report Number:** 24-014484/D001.R000  
**Report Date:** 01/06/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/23/24 12:25



**Hemp / Cannabis Usable / Extract / Finished Products**

**Chain of Custody Record**

Document Control ID: 2732 Revision: 1  
 Effective: 05/04/2021  
 ORELAP ID: OR100028

Company: <u>Flying Skull Plant Products</u> Contact: <u>Rick Martin</u> Street: <u>13896 Fir St</u> City: <u>Oregon City</u> State: <u>Or</u> Zip: <u>97045</u> <input checked="" type="checkbox"/> Email Results: <u>accounting@marcoind.com</u> Ph: (880) <u>770-8808</u> <input type="checkbox"/> Fx Results: ( ) Billing (if different): _____				<b>Analysis Requested</b> <input type="checkbox"/> Pesticides - OR 59 compounds <input checked="" type="checkbox"/> Pesticide Multi-Residue - 379 compounds <input type="checkbox"/> Potency <input type="checkbox"/> Residual Solvents <input type="checkbox"/> Moisture & Water Activity <input type="checkbox"/> Terpenes <input type="checkbox"/> Micro: Yeast and Mold <input checked="" type="checkbox"/> Micro: E.Coli and Total Coliform <input type="checkbox"/> Heavy Metals <input type="checkbox"/> Mycotoxins <input type="checkbox"/> Other: _____										PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* *Check for availability			
Lab ID	Client Sample Identification	Date	Time	Pesticides - OR 59 compounds	Pesticide Multi-Residue - 379 compounds	Potency	Residual Solvents	Moisture & Water Activity	Terpenes	Micro: Yeast and Mold	Micro: E.Coli and Total Coliform	Heavy Metals	Mycotoxins	Other:	Sample Type †	Weight (Units)	Comments/Metrc ID
	<u>Nuke Em</u>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	<u>241223OR</u>																
Relinquished By:		Date	Time	Received By:			Date	Time	Lab Use Only:								
<u>Jon MacLin</u>		<u>12/23</u>	<u>12:30</u>	<u>[Signature]</u>			<u>12/23</u>	<u>1225</u>	<input type="checkbox"/> Shipped Via: _____ or <input checked="" type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>21.6</u> Sample in good condition: <input type="checkbox"/> Yes   <input type="checkbox"/> No <input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: _____ Prelog storage: _____								

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms  
 12423 NE Whitaker Way  
 Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452  
 info@columbiaboratories.com

Page 1 of \_\_\_\_\_  
 www.columbiaboratories.com



### Laboratory Pesticide Quality Control Results

AOAC2007.1 &EN 15662		Units: mg/Kg			Batch ID: 2500025			
Method Bank		Laboratory Control Sample						
Analyte	Blank Result	Blank Limits	Notes	LCS Result	LCS Spke	LCS% Re	Limits	Notes
Abamectin	0.000	< 0.050		0.174	0.200	86.9	50.0 150	
Acephate	0.008	< 0.040		0.174	0.160	108.8	60.0 120	
Acequinocyl	0.000	< 0.200		0.460	0.800	57.5	40.0 160	
Acetamiprid	0.000	< 0.020		0.077	0.080	96.4	60.0 120	
Aldicarb	0.000	< 0.040		0.140	0.160	93.2	60.0 120	
Azoxystrobin	0.000	< 0.020		0.080	0.080	99.7	60.0 120	
Bifenazate	0.000	< 0.020		0.142	0.080	178.1	60.0 120	Q1
Bifenthrin	0.000	< 0.020		0.067	0.080	83.7	50.0 150	
Boscalid	0.000	< 0.040		0.188	0.160	98.6	60.0 120	
Carbaryl	0.000	< 0.020		0.070	0.080	87.8	60.0 120	
Carbofuran	0.000	< 0.020		0.073	0.080	90.8	60.0 120	
Chlorantraniliprole	0.000	< 0.020		0.074	0.080	92.2	60.0 120	
Chlorfenapyr	0.000	< 0.100		0.419	0.400	104.8	60.0 120	
Chlorpyrifos	0.000	< 0.020		0.044	0.080	55.2	60.0 120	Q7
Cofentozine	0.000	< 0.020		0.078	0.080	98.0	60.0 120	
Cyfluthrin	0.000	< 0.100		0.392	0.400	97.9	50.0 150	
Cypermethrin	0.000	< 0.100		0.340	0.400	87.2	50.0 150	
Daminozide	0.000	< 0.100		0.530	0.400	132.5	60.0 120	Q1
Diazinon	0.000	< 0.020		0.092	0.080	115.0	60.0 120	
Dichlorvos	0.000	< 0.100		0.395	0.400	98.7	60.0 120	
Dimethoate	0.000	< 0.020		0.079	0.080	98.7	60.0 120	
Ethoprophos	0.000	< 0.020		0.078	0.080	98.1	60.0 120	
Etofenprox	0.000	< 0.040		0.134	0.160	83.8	50.0 150	
Etoazole	0.000	< 0.020		0.073	0.080	91.5	60.0 120	
Fenoxycarb	0.000	< 0.020		0.078	0.080	97.3	60.0 120	
Fenpyroximate	0.000	< 0.040		0.150	0.160	93.5	60.0 120	
Fipronil	0.000	< 0.040		0.162	0.160	101.4	60.0 120	
Fonicamid	0.000	< 0.050		0.215	0.200	107.3	60.0 120	
Fludioxonil	0.000	< 0.040		0.139	0.160	87.2	50.0 150	
Hexythiazox	0.000	< 0.050		0.186	0.200	93.0	60.0 120	
Imazail	0.000	< 0.020		0.084	0.080	105.6	60.0 120	
Imidacloprid	0.000	< 0.040		0.171	0.160	106.8	60.0 120	
Kresoxim-methyl	0.000	< 0.040		0.172	0.160	107.5	60.0 120	
Malathion	0.000	< 0.020		0.089	0.080	111.1	60.0 120	
Metaxyl	0.000	< 0.020		0.078	0.080	96.9	60.0 120	
Methiocarb	0.000	< 0.020		0.077	0.080	95.9	60.0 120	
Methomyl	0.000	< 0.040		0.153	0.160	95.6	60.0 120	
MGK-264	0.000	< 0.020		0.086	0.080	108.0	50.0 150	
Myclobutanil	0.000	< 0.020		0.078	0.080	98.0	60.0 120	
Naled	0.000	< 0.050		0.191	0.200	95.7	50.0 150	
Oxamyl	0.000	< 0.100		0.402	0.400	100.5	60.0 120	
Padobutrazole	0.000	< 0.040		0.158	0.160	98.5	60.0 120	
Parathion-Methyl	0.013	< 0.020		0.098	0.080	116.0	50.0 150	
Permethrin	0.000	< 0.020		0.073	0.080	90.8	50.0 150	
Phosmet	0.000	< 0.020		0.079	0.080	98.8	50.0 150	
Piperonyl butoxide	0.000	< 0.100		0.331	0.400	82.7	60.0 120	
Prallethrin	0.000	< 0.020		0.078	0.080	97.4	60.0 120	
Propiconazole	0.000	< 0.040		0.163	0.160	101.7	60.0 120	
Propoxur	0.000	< 0.020		0.076	0.080	95.5	60.0 120	
Pyrethrin (Summe)	0.000	< 0.100		0.081	0.098	83.0	60.0 120	
Pyridaben	0.000	< 0.020		0.067	0.080	83.8	50.0 150	
Spinosad	0.000	< 0.100		0.077	0.078	98.7	50.0 150	
Spiromesifen	0.000	< 0.020		0.084	0.080	105.2	60.0 120	
Spirotetramat	0.000	< 0.020		0.086	0.080	108.0	60.0 120	
Spiroxamine	0.000	< 0.040		0.178	0.160	111.2	60.0 120	


**Laboratory Pesticide Quality Control Results**

AOAC2007.1 &EN 15662		Units: mg/Kg				Batch ID: 2500025				
Matrix Spike/Matrix Spike Duplicate Recoveries						Sample ID: 24-0144840001				
Analyte	Result	MSR <sub>es</sub>	MSD R <sub>es</sub>	Spike	RPD%	Limit	MS% R <sub>e</sub>	MSD % R <sub>e</sub>	Limits	Notes
Abamectin	0.000	0.266	0.228	0.200	15.3%	< 30	133.0%	114.0%	50 - 150	
Acephate	0.007	0.169	0.189	0.160	11.2%	< 30	101.8%	113.9%	50 - 150	
Acequinocyl	0.000	0.426	0.401	0.800	6.0%	< 30	53.3%	50.2%	50 - 150	
Acetamiprid	0.000	0.073	0.080	0.080	8.7%	< 30	91.8%	100.2%	50 - 150	
Aldicarb	0.000	0.154	0.171	0.160	10.7%	< 30	96.2%	107.0%	50 - 150	
Azoxystrobin	0.000	0.090	0.096	0.080	6.5%	< 30	112.7%	120.3%	50 - 150	
Bifenazate	0.000	0.201	0.211	0.080	4.7%	< 30	251.2%	263.3%	50 - 150	Q
Bifenthrin	0.000	0.092	0.096	0.080	4.3%	< 30	114.6%	119.6%	50 - 150	
Boscalid	0.000	0.191	0.226	0.160	16.9%	< 30	119.3%	141.3%	50 - 150	
Carbaryl	0.000	0.079	0.096	0.080	19.9%	< 30	98.3%	120.0%	50 - 150	
Carbofuran	0.000	0.070	0.072	0.080	2.4%	< 30	87.9%	90.0%	50 - 150	
Chlorantraniliprole	0.000	0.113	0.115	0.080	1.6%	< 30	141.0%	143.2%	50 - 150	
Chlorfenapyr	0.000	0.509	0.284	0.400	56.8%	< 30	127.3%	71.0%	50 - 150	R
Chlorpyrifos	0.000	0.056	0.061	0.080	9.5%	< 30	69.4%	76.3%	50 - 150	
Cofentzine	0.000	0.103	0.109	0.080	5.0%	< 30	129.2%	135.9%	50 - 150	
Cyfluthrin	0.000	0.559	0.568	0.400	1.5%	< 30	139.9%	142.0%	30 - 150	
Cypermethrin	0.000	0.516	0.531	0.400	2.9%	< 30	128.9%	132.7%	50 - 150	
Daminozide	0.146	0.441	0.463	0.400	7.3%	< 30	73.7%	79.4%	30 - 150	
Diazinon	0.000	0.114	0.122	0.080	6.8%	< 30	142.9%	153.0%	50 - 150	Q
Dichlorvos	0.000	0.436	0.436	0.400	0.1%	< 30	109.1%	109.0%	50 - 150	
Dimethoate	0.000	0.081	0.091	0.080	10.9%	< 30	101.4%	113.1%	50 - 150	
Ethoprophos	0.000	0.090	0.094	0.080	4.6%	< 30	112.1%	117.4%	50 - 150	
Etofenprox	0.000	0.208	0.218	0.160	4.6%	< 30	130.1%	136.2%	50 - 150	
Etoxazole	0.000	0.051	0.058	0.080	12.7%	< 30	64.2%	72.9%	50 - 150	
Fenoxycarb	0.000	0.109	0.123	0.080	11.7%	< 30	136.4%	153.3%	50 - 150	Q
Fenpyroximate	0.000	0.179	0.183	0.160	2.1%	< 30	111.9%	114.3%	50 - 150	
Fipronil	0.000	0.175	0.204	0.160	15.4%	< 30	109.1%	127.4%	50 - 150	
Fonicamid	0.000	0.218	0.256	0.200	15.8%	< 30	109.0%	127.8%	50 - 150	
Fludioxonil	0.000	0.143	0.150	0.160	5.1%	< 30	89.3%	94.0%	50 - 150	
Hexythiazox	0.000	0.247	0.270	0.200	8.9%	< 30	123.4%	134.9%	50 - 150	
Imazail	0.000	0.085	0.087	0.080	2.3%	< 30	106.1%	108.6%	50 - 150	
Imidacloprid	0.000	0.153	0.187	0.160	20.2%	< 30	95.4%	116.9%	50 - 150	
Kresoxim-methyl	0.000	0.139	0.164	0.160	16.2%	< 30	87.1%	102.4%	50 - 150	
Malathion	0.000	0.107	0.109	0.080	2.2%	< 30	133.6%	136.5%	50 - 150	
Metaxalyl	0.000	0.100	0.105	0.080	5.2%	< 30	124.7%	131.4%	50 - 150	
Methiocarb	0.000	0.091	0.098	0.080	7.6%	< 30	113.5%	122.5%	50 - 150	
Methomyl	0.000	0.154	0.173	0.160	11.5%	< 30	96.3%	108.0%	50 - 150	
MGK-264	0.000	0.140	0.141	0.080	0.8%	< 30	175.4%	176.8%	50 - 150	Q
Myclobutanil	0.000	0.178	0.181	0.080	1.5%	< 30	222.4%	225.8%	50 - 150	Q
Naled	0.000	0.191	0.209	0.200	9.0%	< 30	95.4%	104.4%	50 - 150	
Oxamyl	0.000	0.380	0.481	0.400	23.4%	< 30	95.1%	120.3%	50 - 150	
Padobutrazole	0.000	0.202	0.214	0.160	5.6%	< 30	126.4%	133.7%	50 - 150	
Parathion-Methyl	0.000	0.160	0.203	0.080	23.9%	< 30	199.7%	253.9%	30 - 150	Q
Permethrin	0.001	0.102	0.113	0.080	10.4%	< 30	125.8%	139.6%	50 - 150	
Phosmet	0.000	0.033	0.040	0.080	21.0%	< 30	41.0%	50.6%	50 - 150	Q
Piperonyl butoxide	0.000	0.270	0.256	0.400	5.4%	< 30	67.5%	63.9%	50 - 150	
Prallethrin	0.000	0.102	0.109	0.080	6.1%	< 30	128.1%	136.1%	50 - 150	
Propiconazole	0.000	0.179	0.196	0.160	9.3%	< 30	111.8%	122.8%	50 - 150	
Propoxur	0.000	0.072	0.084	0.080	14.6%	< 30	90.4%	104.7%	50 - 150	
Pyrethrin (Summe)	0.000	0.093	0.085	0.098	9.8%	< 30	95.6%	86.7%	50 - 150	
Pyridaben	0.000	0.125	0.128	0.080	2.2%	< 30	156.2%	159.7%	50 - 150	Q
Spinosad	0.000	0.065	0.071	0.078	9.4%	< 30	83.5%	91.8%	50 - 150	
Spiromesfen	0.000	0.054	0.061	0.080	11.0%	< 30	68.0%	75.9%	50 - 150	
Spirotetramat	0.000	0.098	0.105	0.080	6.8%	< 30	122.2%	130.8%	50 - 150	
Spiroxamine	0.000	0.201	0.230	0.160	13.2%	< 30	125.9%	143.7%	50 - 150	



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 24-014484/D001.R000  
**Report Date:** 01/06/2025  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 12/23/24 12:25







Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitation level raised due to matrix interference.
B	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.