

DATE: May 2, 2024
 REPORT No: 105685
 GROWER: Perfect Blend
 CLIENT: Perfect Blend LLC
 CONSULTANT: Lainy Chapman
 SAMPLE DATE: 4/17/2024
 SAMPLE NAME: PBO 444 D24-042
 SAMPLE ID: 4/17/24
 SAMPLE TYPE: Fertilizer-Dry
 LAB No: 8283



Heavy Metal Analysis Report

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	<0.01	mg/kg	0.01	EPA 6010D/3050B
Cadmium (Cd)	<0.005	mg/kg	0.005	EPA 6010D/3050B
Cobalt (Co)	<0.5	mg/kg	0.50	EPA 6010D/3050B
Lead (Pb)	<0.015	mg/kg	0.015	EPA 6010D/3050B
Molybdenum (Mo)	<0.01	mg/kg	0.01	EPA 6010D/3050B
Nickel (Ni)	<0.02	mg/kg	0.02	EPA 6010D/3050B
Selenium (Se)	<0.02	mg/kg	0.02	EPA 6010D/3050B

Note 1% = 10,000 mg/kg

PQL refers to the Practical Quantitation Limit

Mercury Analysis performed by Anatek Labs

Main Office: 119 E Main St., Othello WA, 99344
 Oregon Office: 1300 Sixth St., Suite J, Umatilla OR, 97882

☎ (509) 488-0112 ✉ info@kuotestinglabs.com

St., Othello WA, DATE: April 22, 2024
 Sixth St., Suite J, REPORT No. 105702 **99344**
 Office: **1320 E** CLIENT: Perfect Blend LLC
CONSULTANT: Lainy Chapman **Umatilla OR,**
SAMPLE DATE: 4/17/2024 **Spokane St.,**
SAMPLE NAME: PBO 444 D24-042
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Main Office: 119 E Main
 Oregon Office: 1300
 97882
 GROWER: Perfect Blend Pasco
 Pasco WA, 99301

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Fertilizer Analysis Report

Analyte	Results (As Is basis)				Results (Dry weight basis)	Method
	(Mass Basis)	(Application Basis)				
Total Nitrogen (N)	3.59	%	71.8	lbs/ton	%	AOAC 990.3
Phosphorus (P)	1.83	%	36.6	lbs/ton	%	EPA 6010D
Phosphorus (as P2O5)	4.20	%	83.9	lbs/ton	%	EPA 6010D
Potassium (K)	3.56	%	71.2	lbs/ton	%	EPA 6010D
Potassium (as K2O)	4.27	%	85.5	lbs/ton	%	EPA 6010D
Sulfur (S)	2.67	%	53.4	lbs/ton	%	EPA 6010D
Calcium (Ca)	9.81	%	196	lbs/ton	%	EPA 6010D
Magnesium (Mg)	0.80	%	16.0	lbs/ton	%	EPA 6010D
Sodium (Na)	0.44	%	8.85	lbs/ton	%	EPA 6010D
Zinc (Zn)	471	mg/kg	0.94	lbs/ton	mg/kg	EPA 6010D
Manganese (Mn)	562	mg/kg	1.12	lbs/ton	mg/kg	EPA 6010D
Copper (Cu)	81.2	mg/kg	0.16	lbs/ton	mg/kg	EPA 6010D
Iron (Fe)	1320	mg/kg	2.64		mg/kg	EPA 6010D
Boron (B)	93.6		0.19			EPA 6010D

Note 1% = 10,000 mg/kg
 Application basis is calculated based on a conversion factor 1% = 20 lbs/ton
 To convert phosphorus as P2O5 to elemental phosphorus, divide by 2.29. To convert potassium as K2O into elemental K, divide by 1.20