

DATE: April 18, 2024  
 REPORT No: 105509  
 GROWER: Perfect Blend  
 CLIENT: Perfect Blend LLC  
 CONSULTANT: Lainy Chapman  
 SAMPLE DATE: 4/5/2024  
 SAMPLE NAME: **PBO 861 D24-034**  
 SAMPLE ID:  
 SAMPLE TYPE: Fertilizer-Dry  
 LAB No: 8250



## Heavy Metal Analysis Report

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	30.560	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)	7.160	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

DATE: April 12, 2024  
 REPORT No. 105541  
 GROWER: Perfect Blend  
 CLIENT: Perfect Blend LLC  
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### Fertilizer Analysis Report

Analyte	Results (As Is basis)				Results (Dry weight basis)	Method
	(Mass Basis)		(Application Basis)			
Total Nitrogen (N)	7.56	%	151	lbs/ton	%	AOAC 990.3
Phosphorus (P)	5.48	%	110	lbs/ton	%	EPA 6010D
Phosphorus (as P2O5)	12.5	%	251	lbs/ton	%	
Potassium (K)	0.37	%	7.37	lbs/ton	%	EPA 6010D
Potassium (as K2O)	0.44	%	8.84	lbs/ton	%	
Sulfur (S)	0.46	%	9.20	lbs/ton	%	EPA 6010D
Calcium (Ca)	12.0	%	240	lbs/ton	%	EPA 6010D
Magnesium (Mg)	0.26	%	5.13	lbs/ton	%	EPA 6010D
Sodium (Na)	0.66	%	13.1	lbs/ton	%	EPA 6010D
Zinc (Zn)	87.0	mg/kg	0.17	lbs/ton	mg/kg	EPA 6010D
Manganese (Mn)	<0.01	mg/kg		lbs/ton	mg/kg	EPA 6010D
Copper (Cu)	<0.01	mg/kg		lbs/ton	mg/kg	EPA 6010D
Iron (Fe)	356	mg/kg	0.71	lbs/ton	mg/kg	EPA 6010D
Boron (B)	<0.01	mg/kg		lbs/ton	mg/kg	EPA 6010D
Water Soluble Nitrogen (N)	0.14	%	2.80	lbs/ton	%	
Water Insoluble Nitrogen (N)	7.42	%	148	lbs/ton	%	

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