

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 221 D24-032



SAMPLE ID:  
SAMPLE TYPE: Fertilizer-Dry

## Heavy Metal Analysis Report

LAB No: 8244

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	0.180	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)	26.590	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

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DATE: April 12, 2024  
 REPORT No. 105541  
 CLIENT: Perfect Blend LLC  
 CONSULTANT: Lainy Chapman  
 SAMPLE DATE: 4/5/2024  
 SAMPLE NAME: PBO 221 D24-032  
 SAMPLE ID:  
 SAMPLE TYPE: Fertilizer-Dry  
 Lab No: 8244

GROWER:  
 Perfect  
 Blend



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### Fertilizer Analysis Report

Analyte	Results (As Is basis)		Results (Dry weight basis)		Method
	(Mass Basis)	(Application Basis)			
Total Nitrogen (N)	4.75 %	95.0 lbs/ton	%		AOAC 990.3
Phosphorus (P)	1.46 %	29.2 lbs/ton	%		EPA 6010D
Phosphorus (as P2O5)	3.34 %	66.8 lbs/ton	%		
Potassium (K)	2.09 %	41.8 lbs/ton	%		EPA 6010D
Potassium (as K2O)	2.51 %	50.2 lbs/ton	%		EPA 6010D
Sulfur (S)	3.33 %	66.7 lbs/ton	%		EPA 6010D
Calcium (Ca)	12.4 %	247 lbs/ton	%		EPA 6010D
Magnesium (Mg)	0.70 %	14.1 lbs/ton	%		EPA 6010D
Sodium (Na)	0.34 %	6.78 lbs/ton	%		EPA 6010D
Zinc (Zn)	372 mg/kg	0.74 lbs/ton	mg/kg		EPA 6010D
Manganese (Mn)	371 mg/kg	0.74 lbs/ton	mg/kg		EPA 6010D
Copper	56.3 mg/kg	0.11 lbs/ton	mg/kg		EPA 6010D
(Cu) Iron	1028 mg/kg	2.06 lbs/ton	mg/kg		EPA 6010D
(Fe)	32.1 mg/kg	0.06 lbs/ton	mg/kg		EPA 6010D
Boron (B)	0.11 %	2.20	%		
Water Soluble Nitrogen (N)	4.64 %	92.8	%		
Water Insoluble Nitrogen (N)					

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