

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 800 L24-012**  
 SAMPLE ID:  
 SAMPLE TYPE: Fertilizer-Liquid  
 LAB No: 8243



## Heavy Metal Analysis Report

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	4.510	mg/L	0.01	EPA 6010D/3050B
Cadmium (Cd)	<0.005	mg/L	0.005	EPA 6010D/3050B
Cobalt (Co)	<0.05	mg/L	0.05	EPA 6010D/3050B
Lead (Pb)	<0.015	mg/L	0.015	EPA 6010D/3050B
Molybdenum (Mo)	<0.01	mg/L	0.01	EPA 6010D/3050B
Nickel (Ni)	<0.02	mg/L	0.02	EPA 6010D/3050B
Selenium (Se)	7.870	mg/L	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  
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### Fertilizer Analysis Report

Analyte	Results (As Is basis)		Results (Dry weight basis)		Method
	(Mass Basis)	(Application Basis)			
Total Nitrogen (N)	7.57 %	632 lbs/ 1000 Gal	—	%	AOAC 990.3
Phosphorus (P)	<0.01 %	lbs/ 1000 Gal	—	%	EPA 6010D
Phosphorus (as P2O5)	<0.01 %	lbs/ 1000 Gal	—	%	
Potassium (K)	0.0073 %	0.61 lbs/ 1000 Gal	—	%	EPA 6010D
Potassium (as K2O)	0.0087 %	0.73 lbs/ 1000 Gal	—	%	
Sulfur (S)	0.28 %	23.7 lbs/ 1000 Gal	—	%	EPA 6010D
Calcium (Ca)	1.32 %	111 lbs/ 1000 Gal	—	%	EPA 6010D
Magnesium (Mg)	0.0053 %	0.44 lbs/ 1000 Gal	—	%	EPA 6010D
Sodium (Na)	0.94 %	78.5 lbs/ 1000 Gal	—	%	EPA 6010D
Zinc (Zn)	1.50 mg/kg	0.01 lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Manganese (Mn)	<0.01 mg/kg	lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Copper (Cu)	<0.01 mg/kg	lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Iron (Fe)	7.00 mg/kg	0.06 lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Boron (B)	30.2 mg/kg	0.25 lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Water Soluble Nitrogen (N)	0.53 %	10.6 lbs/ton		%	
Water Insoluble Nitrogen (N)	7.04 %	141 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