

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 600 Straight L24-010**
 SAMPLE ID:
 SAMPLE TYPE: Fertilizer-Liquid
 LAB No: 8241



Heavy Metal Analysis Report

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	0.040	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)	5.080	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
 CLIENT: Perfect Blend LLC
 CONSULTANT: Lainy Chapman
 SAMPLE DATE: 4/5/2024
 SAMPLE NAME: PBO 600 Straight 1 24-010
 SAMPLE ID: _____
 SAMPLE TYPE: Fertilizer-Liquid
 Lab No: 8241



Main Office: 119 E Main St., Othello WA, 99344
 Oregon Office: 1300 Sixth St., Suite J, Umatilla OR, 97882
 Pasco Office: 1320 E Spokane St., Pasco WA, 99301
 (509) 488-0112 info@kuotestinglabs.com

Fertilizer Analysis Report

Analyte	Results (As Is basis)		Results (Dry weight basis)		Method
	(Mass Basis)	(Application Basis)			
Total Nitrogen (N)	6.37 %	448 lbs/ 1000 Gal	—	%	AOAC 990.3
Phosphorus (P)	0.03 %	2.69 lbs/ 1000 Gal	—	%	EPA 6010D
Phosphorus (as P2O5)	0.07 %	6.16 lbs/ 1000 Gal	—	%	
Potassium (K)	0.25 %	21.1 lbs/ 1000 Gal	—	%	EPA 6010D
Potassium (as K2O)	0.30 %	25.3 lbs/ 1000 Gal	—	%	
Sulfur (S)	0.44 %	36.7 lbs/ 1000 Gal	—	%	EPA 6010D
Calcium (Ca)	0.57 %	47.2 lbs/ 1000 Gal	—	%	EPA 6010D
Magnesium (Mg)	0.07 %	5.47 lbs/ 1000 Gal	—	%	EPA 6010D
Sodium (Na)	0.05 %	4.40 lbs/ 1000 Gal	—	%	EPA 6010D
Zinc (Zn)	5.80 mg/kg	0.05 lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Manganese (Mn)	4.40 mg/kg	0.04 lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Copper (Cu)	<0.01 mg/kg	lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Iron (Fe)	<0.01 mg/kg	lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Boron (B)	<0.01 mg/kg	lbs/ 1000 Gal	—	mg/kg	EPA 6010D
Water Soluble Nitrogen (N)	0.38 %	7.60 lbs/ton		%	
Water Insoluble Nitrogen (N)	4.99 %	99.8 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