

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 1230 D24-037
 SAMPLE ID:
 SAMPLE TYPE: Fertilizer-Dry
 LAB No: 8252



Heavy Metal Analysis Report

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	29.030	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)	14.610	mg/kg	0.01	EPA 6010D/3050B
Nickel (Ni)	<0.02	mg/kg	0.02	EPA 6010D/3050B
Selenium (Se)	19.350	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
 CONSULTANT: Lainy Chapman
 SAMPLE DATE: 4/5/2024
 SAMPLE NAME: **PBO 1230 D24-037**
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 Pasco Office: 1320 E Spokane St., 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)	11.5	%	230	lbs/ton	%	AOAC 990.3
Phosphorus (P)	1.71	%	34.1	lbs/ton	%	EPA 6010D
Phosphorus (as P2O5)	3.91	%	78.1	lbs/ton	%	
Potassium (K)	0.21	%	4.25	lbs/ton	%	EPA 6010D
Potassium (as K2O)	0.26	%	5.10	lbs/ton	%	
Sulfur (S)	1.39	%	27.7	lbs/ton	%	EPA 6010D
Calcium (Ca)	3.89	%	77.7	lbs/ton	%	EPA 6010D
Magnesium (Mg)	0.11	%	2.26	lbs/ton	%	EPA 6010D
Sodium (Na)	0.26	%	5.16	lbs/ton	%	EPA 6010D
Zinc (Zn)	137	mg/kg	0.27	lbs/ton	mg/kg	EPA 6010D
Manganese (Mn)	<0.01	mg/kg		lbs/ton	mg/kg	EPA 6010D
Copper (Cu)	137	mg/kg	0.27	lbs/ton	mg/kg	EPA 6010D
Iron (Fe)	522	mg/kg	1.04	lbs/ton	mg/kg	EPA 6010D
Boron (B)	<0.01	mg/kg		lbs/ton	mg/kg	EPA 6010D
Water Soluble Nitrogen (N)	0.15	%	3.00	lbs/ton	%	
Water Insoluble Nitrogen (N)	11.4	%	227	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