

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 631 D24-038



SAMPLE ID:
SAMPLE TYPE: Fertilizer-Dry

Heavy Metal Analysis Report

LAB No: 8247

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	26.740	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)	13.940	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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Oregon Office: 1300 Sixth St., Suite J, Umatilla OR, 97882

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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 631 D24-038
 SAMPLE ID: _____
 SAMPLE TYPE: Fertilizer-Dry
 Lab No: 8247

GROWER: Perfect Blend
 Pasco Office:
 Spokane St., Pasco WA,

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Fertilizer Analysis Report

Analyte	Results (As Is basis)		Results (Dry weight basis)		Method
	(Mass Basis)	(Application Basis)			
Total Nitrogen (N)	6.16	%	123	lbs/ton	AOAC 990.3
Phosphorus (P)	1.40	%	28.0	lbs/ton	EPA 6010D
Phosphorus (as P2O5)	3.21	%	64.2	lbs/ton	%
Potassium (K)	4.21	%	84.2	lbs/ton	EPA 6010D
Potassium (as K2O)	5.05	%	101	lbs/ton	%
Sulfur (S)	3.82	%	76.4	lbs/ton	EPA 6010D
Calcium (Ca)	7.08	%	142	lbs/ton	%
Magnesium (Mg)	0.40	%	7.96	lbs/ton	EPA 6010D
Sodium (Na)	0.29	%	5.76	lbs/ton	%
Zinc (Zn)	204	mg/kg	0.41	lbs/ton	EPA 6010D
Manganese (Mn)	182	mg/kg	0.36	lbs/ton	mg/kg
Copper	14.7	mg/kg	0.03	lbs/ton	EPA 6010D
(Cu) Iron	670	mg/kg	1.34	lbs/ton	mg/kg
(Fe)	4.10	mg/kg	0.01		EPA 6010D
Boron (B)	0.16	%	3.20		%
Water Soluble Nitrogen (N)	6.00	%	120		%
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