

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 722 D24-031



SAMPLE ID:
 SAMPLE TYPE: Fertilizer-Dry

Heavy Metal Analysis Report

LAB No: 8249

Analyte	Results		PQL	Method
		Units		
Arsenic (As)	0.200	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)	<0.01	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: May 2, 2024
REPORT No. 105900
CLIENT: Perfect Blend LLC
CONSULTANT: Lainy Chapman
SAMPLE DATE: 4/30/2024
SAMPLE NAME: PBO 722 D24-044
SAMPLE ID: 5/1/24
SAMPLE TYPE: Fertilizer-Dry
Lab No: 8394

GROWER:
Perfect Blend
Pasco Office:



Main Office: 119 E Main

Oregon Office: 1300 Sixth St., Suite J, Umatilla

1320 E Spokane St., Pasco WA, 99301 (509) 488-0112

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Fertilizer Analysis Report

Analyte	(Mass Basis)		Results (As Is basis) (Application Basis)		Results (Dry weight basis)		Method
Bulk Density			2932.55	Yd/Ton	0.68	Lb/Yd ³	ASTM D5057
Total Solids	90.1	%	—		—		EPA 1684
Moisture	9.91	%	—		—		
Total Nitrogen (N)	6.75	%	135	lbs/ton	7.49	%	AOAC 990.3
Phosphorus (P)	1.35	%	26.9	lbs/ton	1.50	%	EPA 6010D
Phosphorus (as P2O5)	3.08	%	61.7	lbs/ton	3.42	%	
Potassium (K)	2.47	%	49.4	lbs/ton	2.74	%	EPA 6010D
Potassium (as K2O)	2.96	%	59.2	lbs/ton	3.29	%	

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