



IEH
**Laboratories &
 Consulting Group**

CERTIFICATE OF ANALYSIS

Perfect Blend Organics

Contact: Patrick Burchard

771 Kulm Rd.

OTHELLO, Washington 99344

Phone: 509-488-5570 Fax: 509-488-5980

IEH Laboratories & Consulting Group

IEH-Seattle

13741 Lake City Way N.E

Seattle, WA 98125

Phone: 206-466-1758 Fax: 206-524-4639

www.iehinc.com

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WO: 142714

Samples Received: 11/20/2024

Report Date: 11/25/2024

Report No: L2.1-11R0300060351

Lab Sample No	Customer Sample No	Sample Description	Sample Form	Sample Type	ECC (MPN/g)	EHEC (25 g)	E. coli O157 (25 g)	FC (MPN/g)	L. mono (25 g)	Salm. (25 g)	Shigella sp (25 g)
142714-001	D24-084	PBO 845 SGN 150/100 - 11/15	Fertilizer	Biotic Fertilizer	<0.3	Negative	Negative	<0.3	Negative	Negative	Negative

Test Method: ECC = E. coli Count SM, Ch 9221F (MPN - EC-MUG), EHEC = E. coli EHEC MB217.01 (AOAC Cert # 100701)(PCR), E. coli O157 = E. coli O157 (Qualitative) MB217.01 (AOAC Cert # 100701)(PCR), FC = Fecal Coliform SM, Ch 9222E (MPN), L. mono = Listeria monocytogenes (Qualitative) MB316.01 (AOAC Cert# 021201)(PCR), Salm. = Salmonella spp. MB217.01 (AOAC Cert # 100701)(PCR), Shigella sp = Shigella spp MB 222 PCR

UNLESS OTHERWISE NOTED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. THE RESULT(S) IN THIS REPORT RELATE ONLY TO THE PORTION OF THE SAMPLE(S) TESTED. THIS REPORT DOES NOT CONSTITUTE A RELEASE OF PRODUCT FOR CONSUMPTION. THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THE LABORATORY. THIS DOCUMENT CONTAINS CONFIDENTIAL COMMERCIAL INFORMATION PURSUANT TO 5 U.S.C. SEC. 552(b)(4).

MEAT SAMPLES WERE COLLECTED BY THE ESTABLISHMENT USING N60 EXCISION OR EQUIVALENT METHOD AND SUBMITTED TO THE LABORATORY; 100% OF SAMPLE IS ANALYZED.

Authorized Analyst: Thao Tran

DATE: November 20, 2024
 REPORT No. 112180
 GROWER: Perfect Blend
 CLIENT: Perfect Blend LLC
 CONSULTANT: Lalainia Chapman
 SAMPLE DATE: 11/15/2024
 SAMPLE NAME: **PBO 845 SGN 150/100 D24-084**
 SAMPLE ID:
 SAMPLE TYPE: Fertilizer-Dry
 Lab No: 8930



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)	21.0	%	419	lbs/ton	%	AOAC 990.3
Phosphorus (P)	1.13	%	22.6	lbs/ton	%	EPA 6010D
Phosphorus (as P2O5)	2.59	%	51.7	lbs/ton	%	
Potassium (K)	2.27	%	45.5	lbs/ton	%	EPA 6010D
Potassium (as K2O)	2.73	%	54.6	lbs/ton	%	
Sulfur (S)	0.81	%	16.3	lbs/ton	%	EPA 6010D
Calcium (Ca)	5.22	%	104	lbs/ton	%	EPA 6010D
Magnesium (Mg)	0.40	%	7.95	lbs/ton	%	EPA 6010D
Sodium (Na)	0.25	%	5.05	lbs/ton	%	EPA 6010D
Zinc (Zn)	221	mg/kg	0.44	lbs/ton	mg/kg	EPA 6010D
Manganese (Mn)	193	mg/kg	0.39	lbs/ton	mg/kg	EPA 6010D
Copper (Cu)	9.60	mg/kg	0.02	lbs/ton	mg/kg	EPA 6010D
Iron (Fe)	1025	mg/kg	2.05	lbs/ton	mg/kg	EPA 6010D
Boron (B)	12.9	mg/kg	0.03	lbs/ton	mg/kg	EPA 6010D

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