

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 322 L24-013**
 SAMPLE ID:
 SAMPLE TYPE: Fertilizer-Liquid
 LAB No: 8240



Heavy Metal Analysis Report

| Analyte | Results | | PQL | Method |
|-----------------|---------|-------|-------|-----------------|
| | | Units | | |
| Arsenic (As) | <0.01 | 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) | 0.270 | mg/L | 0.01 | EPA 6010D/3050B |
| Nickel (Ni) | <0.02 | mg/L | 0.02 | EPA 6010D/3050B |
| Selenium (Se) | <0.02 | 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
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DATE: April 12, 2024
 REPORT No: 105541
 GROWER: Perfect Blend
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 CONSULTANT: Lainy Chapman
 SAMPLE DATE: 4/5/2024
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Fertilizer Analysis Report

| Analyte | Results (As Is basis) | | Results (Dry weight basis) | | Method |
|------------------------------|-----------------------|---------------------|----------------------------|-------|------------|
| | (Mass Basis) | (Application Basis) | | | |
| Total Nitrogen (N) | 2.54 % | 212 lbs/ 1000 Gal | — | % | AOAC 990.3 |
| Phosphorus (P) | 1.04 % | 86.8 lbs/ 1000 Gal | — | % | EPA 6010D |
| Phosphorus (as P2O5) | 2.38 % | 199 lbs/ 1000 Gal | — | % | |
| Potassium (K) | 2.42 % | 202 lbs/ 1000 Gal | — | % | EPA 6010D |
| Potassium (as K2O) | 2.91 % | 243 lbs/ 1000 Gal | — | % | |
| Sulfur (S) | 0.38 % | 31.5 lbs/ 1000 Gal | — | % | EPA 6010D |
| Calcium (Ca) | 0.22 % | 18.5 lbs/ 1000 Gal | — | % | EPA 6010D |
| Magnesium (Mg) | 0.60 % | 49.9 lbs/ 1000 Gal | — | % | EPA 6010D |
| Sodium (Na) | 0.05 % | 4.58 lbs/ 1000 Gal | — | % | EPA 6010D |
| Zinc (Zn) | 53.6 mg/kg | 0.45 lbs/ 1000 Gal | — | mg/kg | EPA 6010D |
| Manganese (Mn) | 31.9 mg/kg | 0.27 lbs/ 1000 Gal | — | mg/kg | EPA 6010D |
| Copper (Cu) | <0.01 mg/kg | lbs/ 1000 Gal | — | mg/kg | EPA 6010D |
| Iron (Fe) | 137 mg/kg | 1.14 lbs/ 1000 Gal | — | mg/kg | EPA 6010D |
| Boron (B) | 4.80 mg/kg | 0.04 lbs/ 1000 Gal | — | mg/kg | EPA 6010D |
| Water Soluble Nitrogen (N) | 0.30 % | 6.00 lbs/ton | | % | |
| Water Insoluble Nitrogen (N) | 2.24 % | 44.8 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