CERTIFICATE OF ANALYSIS



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Nutracap Labs (Nutracap **Report Issued To:**

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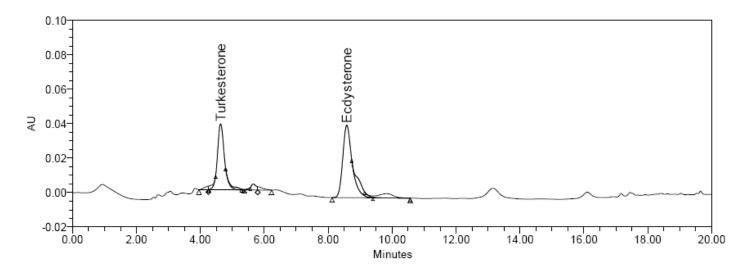
Sample Name: HTLT Supplements Turk Builder Description:

Powdered extract; Fine brown powder

Lot #: 2310055 23303NLP 2 AL #:

Analysis ID: 215786 Received: 10/30/23

Determination of Phytoecdysteriods Content by HPLC



| | | Prep 1 | Prep 2 | Average | | |
|-----------------|---------------|--------|--------|---------|---------------|--------|
| Ret. Time (min) | Compound Name | (%) | (%) | (%) | Specification | Result |
| 4.6 | Turkesterone | 5.011 | 4.969 | 4.990 | N/A | N/A |
| 8.6 | Ecdysterone | 7.013 | 6.900 | 6.957 | N/A | N/A |
| | Total | 12.024 | 11.869 | 11.947 | Report only | N/A |

Chromatographic Conditions:

Method: ATM-815-0290

Column: AP224 Luna 5 µm C18(2) 100A (250 x 4.6 mm)

Temperature: 30°C Flow Rate: 1 mL/min Injection Volume: 10 uL UV Detection: 250 nm Mobile Phase: Water Methanol

HPLC Instrument: Alliance 5

Sample Preparation:

Transferred approximately 25 mg of sample into a 25 mL volumetric flask. Added 20 mL of methanol, vortexed for 30 seconds and sonicated for 20 minutes at room temperature. Let cool and filled to volume with methanol. Mixed by inversion and filtered through a 0.45 µm PTFE syringe filter into an HPLC vial for analysis.

Report Summary:

Conclusion: This " HTLT Supplements Turk Builder " test sample contains an average of 12% total

phytoecdysteroids on the as is basis.

OOS Reference: N/A

Empower Reference: 31923 Turkesterone

Analysis Date : 11/16/23 Analyzed By: Z Herrera Authorized By: Diana Jimenez, **Lead Analytical Chemist**

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