

CERTIFICATE OF ANALYSIS

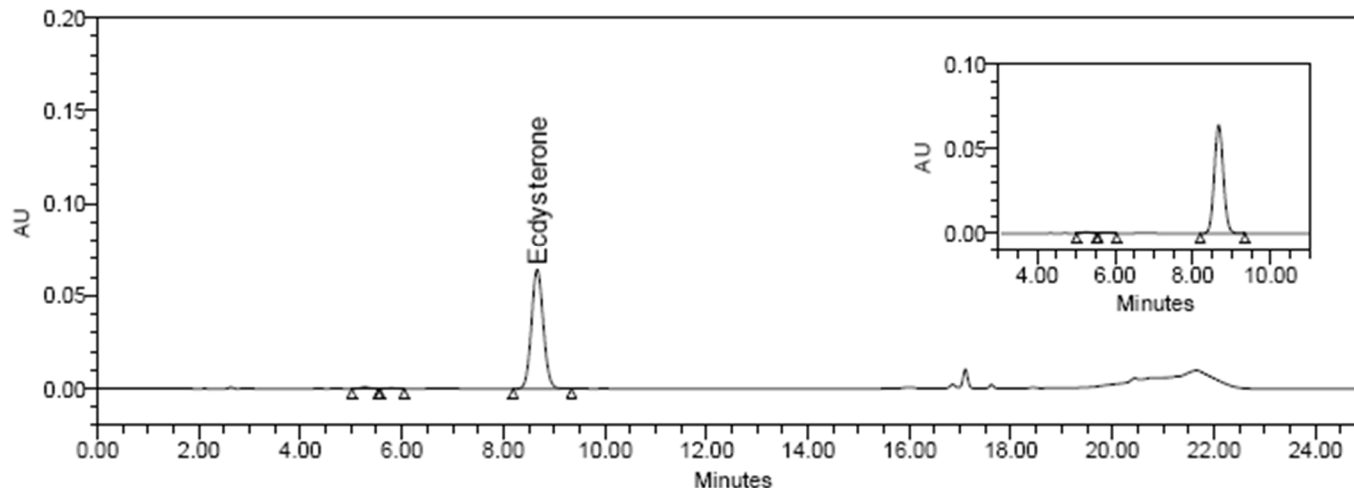


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Report Issued To: Yaju
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Sample Name: Beta-Ecdysterone (Cyanotis arachnoidea extract)
Description: Powdered extract; Silver package, white label
Lot #: ECDY10430303
AL #: 23079KCU_1
Analysis ID: 197864
Received: 03/20/23

Determination of Phytoecdysteroids Content by HPLC



Ret. Time (min)	Compound Name	Prep 1 (%)	Prep 2 (%)	Average (%)	Specification	Result
8.6	Beta-Ecdysterone	70.559	69.891	70.225	50%	Pass

Chromatographic Conditions:

Method: ATM-815-0290
Column: AP294 Luna 5µ C18 (2) 100A (250 x 4.6 mm)
Temperature: 30°C
Flow Rate: 1 mL/min
Injection Volume: 10 µL
UV Detection: 250 nm
Mobile Phase: Methanol:Water (45:55)
HPLC Instrument: Alliance_5

Sample Preparation:

Transferred approximately 250 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 diluted 1:100 in methanol. Filtered through a 0.45 µm PTFE syringe filter into an HPLC vial for analysis.

Report Summary:

Conclusion: This "Beta-Ecdysterone (Cyanotis arachnoidea extract)" test sample contains an average of 70% Beta-ecdysterone on the as is basis.
OOS Reference: N/A
Empower Reference: 09723 Turkesterone

Analysis Date : 04/10/23 Analyzed By: L Arteaga

Authorized By: Diana Jimenez,
Lead Analytical Chemist