

CERTIFICATE OF ANALYSIS



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Report Issued To: Yaju
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Breukelen, 3621 LP
Netherlands

Sample Name: Ecklonia Cava Extract
Description: Powdered extract; Powder
Lot #: EC230402
Order #: 23254QBA_3
Analysis ID: 297190
Received: 9/11/2023 11:51:41 AM

Determination of Polyphenol Content as Gallic Acid by UV-Vis Spectrophotometry

Compound Name	Prep #	Amount As Is (%)	Specification	Result
Polyphenols as gallic acid	1	60.898		
	2	61.037		
	Average	60.968	50%	Pass

Conditions:

Method: LTM-1115-0088
Detection: 755 nm

Sample Preparation:

Transferred approximately 32 mg of sample to a 100 mL volumetric flask. Added approximately 80 mL of water and sonicated at room temperature for 15 minutes. Let cool and filled to volume with water. Mixed well by inversion.

Report Summary:

Conclusion: This "Ecklonia Cava Extract" test sample contains an average of 61% polyphenols as gallic acid on the as is basis.
OOS Reference: N/A
Notebook Reference: 29323 Gallic Acid

Analysis Date: 10/20/23

Analyzed By: N. Canello

Authorized By: Celine Decasiano,
Analytical Chemistry Supervisor

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