

CERTIFICATE OF ANALYSIS

Green Wave Ingredients
 Attn: Felicia Ly
 14821 Northam Street
 La Mirada, CA 90638

AR-19-QR-002457-01

Client Code: QR0000177
 Batch Code: EUUSGA2-00024744
 PO Number: 20190131-LA

Report Date: 02/15/2019
 Entry Date: 02/01/2019

Eurofins Sample Code: 111-2019-02010068
 Client Sample Code:
 JST190107
 Sample Reference:
 Mfr. Jiangsu Jiushoutang
 Analysis Date: 2/5/2019

Sample Description: Glucosamine HCl 20mesh
 Condition Upon Receipt: Acceptable

Test	Result
UMHY9 - Aerobic Plate Count - AOAC 990.12 Method Reference: AOAC 990.12 *Aerobic Plate Count	< 10 cfu/g
UMABD - Enterobacteriaceae - AOAC 2003.01 Method Reference: AOAC 2003.01 *Enterobacteriaceae	< 10 cfu/g
UM5DP - Total Coliforms - AOAC 991.14 Method Reference: AOAC 991.14 *Coliforms *Escherichia coli	< 10 cfu/g < 10 cfu/g
UMJR7 - Staphylococcus aureus - AOAC 2003.07 Method Reference: AOAC 2003.07 *Staphylococcus aureus	< 10 cfu/g
QD040 - Chloride Soluble Method Reference: AOAC 969.10 modified Chloride-Soluble	16.4 %
KK178 - Glucosamine (HPLC) Method Reference: AOAC 2005.01 mod.	
Glucosamine	83.4 % (w/w)
Glucosamine HCl	100.1 % (w/w)
Glucosamine hydrochloride (C6 H13 NO5 • HCl) by calculation from the glucosamine results	
Glucosamine Sulfate 2KCl	140.9 % (w/w)
Glucosamine sulfate (C12 H28 N2 O14 S) • 2KCl by calculation from the glucosamine results	
Glucosamine Sulfate	106.2 % (w/w)
Glucosamine sulfate C12 H28 N2 O14 S by calculation from the glucosamine results	
Glucosamine Sulfate 2NaCl	133.4 % (w/w)
Glucosamine sulfate (C12 H28 N2 O14 S) • 2NaCl by calculation from the glucosamine results	
KK02W - Heavy Metals (As, Cd, Hg, and Pb) Method Reference: AOAC 993.14 Mod.	
Arsenic (As)	<0.002 ppm

Microbiology**CERTIFICATE OF ANALYSIS**Green Wave Ingredients
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Cadmium (Cd)	<0.002 ppm
Lead (Pb)	0.003 ppm
Mercury (Hg)	<0.002 ppm

UMFPA - Mold - AOAC 997.02**Method Reference:** AOAC 997.02

Moulds	< 10 cfu/g
Yeast	< 10 cfu/g

UMDTC - Salmonella spp. - AOAC-RI 121501**Method Reference:** AOAC-RI 121501

*Salmonella

Not Detected per 25 g

**The test result is covered by our current A2LA accreditation.*Respectfully Submitted,
Eurofins Scientific, Inc.Anne Chi
Business Unit Manager

Testing Cert #3329.05

Results shown in this report relate solely to the item submitted for analysis.
All results are reported on an "As Received" basis unless otherwise stated.
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Retained samples are discarded 30 days after receipt; certain exceptions apply.

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