

**Alliance Analytical Laboratories, Inc.**

179 West Randall Street
Coopersville, MI 49404
Phone: (616) 837-7670
Fax: (616) 837-7701



Test methods marked with ^ are accredited under the laboratory's ISO/IEC 17025 accreditation issued by ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation AT-2044

TEST RESULTS REPORT

CUSTOMER Route 27 Hopyard
27 Veith Ave
Moriches, NY 11955
Phone: 516-761-2704
Email: route27hopyard@gmail.com;

SAMPLE DESCRIPTION Alpharoma
SD 10/02/18

SAMPLE DATE 10/2/2018

DATE RECEIVED 10/9/2018

REFERENCE NUMBER 180406: 1840623

Customer PO

TEMPERATURE AT RECEIVING



Test Requested	Test Method	Results	Ref Number	Start Date
HOPS:Brewers' Quality	^ASBC Hops-14 Analyst: 23			10/10 4:52 PM
10% Moisture Adjusted Alpha Acids		6.67 %	CV21:21	
	Analyst: 23			
10% Moisture Adjusted Beta Acids		2.77 %		
Alpha Acid	^ASBC Hops-14	6.80 %		
Beta Acid	^ASBC Hops-14	2.82 %		
Cohumulone	^ASBC Hops-14	22.3 % Relative to Alpha		
Colupulone	^ASBC Hops-14	49.6 % Relative to Beta		
Hops Storage Index	ASBC Hops-12 Analyst: 32	0.33	CD01:4	10/18 12:00 PM
Moisture	ASBC Hops-4c	8.28 %		
Xanthohumol		0.89 %		
HOPS:Total Oil	ASBC Hops-13 Analyst: 23	0.4 mL/100g	CV21:89	10/29 12:00 PM

It is the customer's responsibility to evaluate the compliance of these results to any regulatory requirement.

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Reviewed and Approved by:

Audrey Monroe - Laboratory Director

Date: 11/1/2018

Date: 11/1/2018

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**TEST RESULTS
REPORT**

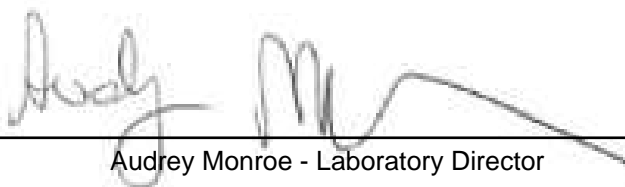
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