

# KPU - AGC Hops Service

Report Number:

55-JS

## Certificate of Analysis

Customer:	JGL Shepherd Farms
Date of Arrival:	2023-09-25
Date of Analysis:	2023-09-25
Date of Report:	2023-09-26
Hop/Sample Name:	Cascade
Sample Form:	Dried Cone
Mass of Hops (g):	146



Applied  
Genomics  
Centre

Kwantlen Polytechnic University  
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Surrey, BC  
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### Alpha/Beta Acid Analysis - ASBC Hops-14 Method

	Percent (%)
<b>Alpha Acids</b>	
Cohumulone	1.68
n+Adhumulone	3.32
Total Alpha Acids	5.00
<b>Beta Acids</b>	
Colupulone	2.49
n+Adlupulone	2.30
Total Beta Acids	4.79
HSI	0.21

Analytical methods as noted in link below:

[https://www.kpu.ca/sites/default/files/Applied%20Genomics%20Centre/KPU\\_Hops\\_Testing\\_Info.pdf](https://www.kpu.ca/sites/default/files/Applied%20Genomics%20Centre/KPU_Hops_Testing_Info.pdf)

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Samples kept for 1 month post-testing

Data reviewed by:

A handwritten signature in black ink, appearing to read 'M. Schuetz', written over a horizontal line.

Mathias Schuetz, PhD  
KPU Applied Genomics Center