

# KPU - AGC Hops Service

## Certificate of Analysis

Report Number: 25-ED

Customer:	Eelco De Zwaan / Myrtle Mead
Date of Arrival:	Sep.7, 22
Date of Analysis:	Sep.8, 22
Date of Report:	Sep.9, 22
Hop/Sample Name:	Centennial 090222 D22090225-28
Sample Form:	t-90 Pellets
Mass of Hops (g):	98



### Alpha/Beta Acid Analysis - ASBC Hops-14 Method

Percent (%)

Alpha Acids		
Cohumulone	2.25	
n+Adhumulone	7.44	
Total Alpha Acids	9.69	
Beta Acids		
Colupulone	1.39	
n+Adlupulone	1.57	
Total Beta Acids	2.96	
<b>HSI</b>	<b>0.28</b>	
<b>Total Oils - ASBC Hops-13 Method</b>	<b>1.6</b>	<b>mL / 100 g</b>

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:

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KPU Applied Genomics Center