# **KPU - AGC Hops Service Certificate of Analysis**

Customer:	Guy Shepherd
Date of Arrival:	Nov.17, 22
Date of Analysis:	Nov.22, 22
Date of Report:	Nov.23, 22
Hop/Sample Name:	Centennial
Sample Form:	t-90 Pellets
Mass of Hops (g):	217

Report Number: 41-GS



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

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	Percent (%)	
Alpha Acids		_
Cohumulone	2.63	
n+Adhumulone	7.03	
Total Alpha Acids	9.66	
Beta Acids		
Colupulone	1.62	
n+Adlupulone	1.42	
Total Beta Acids	3.04	
HSI	0.22	
Total Oils - ASBC Hops-13 Method	2.2	mL / 100 g
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### Analytical methods as noted in link below:

 $https://www.kpu.ca/sites/default/files/Applied\%20Genomics\%20Centre/KPU\_Hops\_Testing\_Info.pdf$ 

## Terms and Conditions:

 $https://www.kpu.ca/sites/default/files/Applied%20Genomics%20Centre/KPU\_Hops\_Testing\_Services\_Terms\_and\_Conditions.pdf$ 

Samples kept for 1 month post-testing

Data reviewed by:

Mathias Schuetz, PhD

Director of Hops Research and Development

**KPU Applied Genomics Center**