KPU - AGC Hops Service		:	Report Number: 33-ED	
Certificate of Analysis				
Customer:	Eelco De Zwaan / Myrtle Mead	lows Hops		Applied
Date of Arrival:	Sep.28, 22			Genomics
Date of Analysis:	Oct.5, 22		NPU	Centre
Date of Report:	Oct.6, 22		Kwantlen Polytechr	nic University
Hop/Sample Name:	Sorachi Ace D21092610-14		12666 72nd Ave	
Sample Form:	t-90 Pellets		Surrey, BC	
Mass of Hops (g):	83		V3W 2	M8

Alpha/Beta Acid Analysis -	ASBC Hops-14 Method
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	Percent (%)	
Alpha Acids		
Cohumulone	2.96	
n+Adhumulone	8.91	
Total Alpha Acids	11.87	
Beta Acids		
Colupulone	3.27	
n+Adlupulone	2.82	
Total Beta Acids	6.09	
HSI	0.28	
Total Oils - ASBC Hops-13 Method	2.2	mL/100 g

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:

M. Shuel

Mathias Schuetz, PhD Director of Hops Research and Development KPU Applied Genomics Center