

# KPU - AGC Hops Service

## Certificate of Analysis

Report Number: 38-GS

|                   |              |
|-------------------|--------------|
| Customer:         | Guy Shepard  |
| Date of Arrival:  | Oct.28, 22   |
| Date of Analysis: | Oct.28, 22   |
| Date of Report:   | Nov.3, 22    |
| Hop/Sample Name:  | Zeus         |
| Sample Form:      | t-90 Pellets |
| Mass of Hops (g): | 218          |



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

Percent (%)

| Alpha Acids                             |             |                   |
|-----------------------------------------|-------------|-------------------|
| Cohumulone                              | 2.86        |                   |
| n+Adhumulone                            | 5.69        |                   |
| Total Alpha Acids                       | 8.55        |                   |
| Beta Acids                              |             |                   |
| Colupulone                              | 2.10        |                   |
| n+Adlupulone                            | 1.42        |                   |
| Total Beta Acids                        | 3.52        |                   |
| <b>HSI</b>                              | <b>0.22</b> |                   |
| <b>Total Oils - ASBC Hops-13 Method</b> | <b>1.8</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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