



YAKIMA CHIEF, Inc.



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V.A.T. BE 0469.147.032

Certificate of Analysis

SUPPLIER: YAKIMA CHIEF, INC.
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P.O. Box 209
Sunnyside, WA 98944
Tel: +1.509.839.90.22
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PRODUCT NAME: YC-Type 90 Hop Pellets

LOT NUMBER: P9-UIST171

PRODUCT CODE: P90-4X5F-05K, 40-100-0007

VARIETY: Sterling

| <u>CHARACTERISTIC</u> | <u>TYPICAL ANALYSIS</u> | <u>ACTUAL ANALYSIS</u> |
|---|---|---|
| ALPHA ACIDS: | 2.5 - 17.5% (w/w) LCV by EBC Analytica V 7.5 | 8.5 % |
| OIL BY DISTILLATION: | Varies by Variety ASBC Hops - 13 (% v/w) | 2.0 % |
| OIL PROFILE BY GC, EBC Analytica V 7.12: | B-Pinene: 0.4 % Myrcene: 31.8 % Linalool: 0.6 % Caryophyllene: 7.1 % | Farnesene: 23.8 % Humulene: 21.1 % Geraniol: 0.3 % |
| LEAD: | < 1.0 ppm | passes test |
| ARSENIC: | < 0.5 ppm | passes test |
| CADMIUM: | < 0.03 ppm | passes test |
| TOTAL HEAVY METALS: | < 10 ppm (as Pb) | passes test |


Missy Raver
Quality Control Manager

This product was manufactured in a plant whose quality/environmental system is registered as being in conformity with
ISO 9001:2008 and ISO 14001:2004.