



Certificate of Analysis

CoA ID	Date of Issue	Test Date
AZA-2508	10/30/2025	10/24/2025, 10/28/2025

Sample Type	Variety	Total Oil (mL/100G)
T90 Pellet	Azacca®	1.6
Alpha %	Beta %	HSI
11.3	4.7	0.254
HopTechnic-008 (Alpha & Beta Acids by HPLC, Modified EBC 7.8)		
HopTechnic-008 (HSI Determination by Calculation, Modified ASBC Hops-6)		
HopTechnic-116 (Total Oil Determination, ASBC Hops-16)		

Released by: 

Date: 10/30/2025



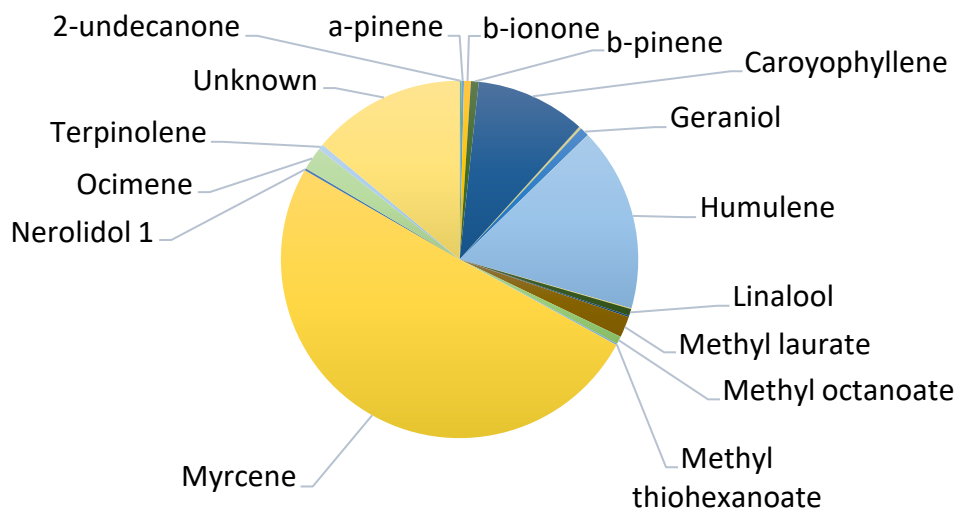
YAKIMA QUALITY HOPS

Testing completed by:

HopTechnic

Hop Oil Composition

CoA ID	Date of Issue	Test Date
AZA-2508	10/30/2025	10/28/2025, 10/26/2025
Sample Type	Variety	Total Oil (mL/100g)
T90 Pellet	Azacca®	1.6
HopTechnic-116 (Total Oil Distillation, ASBC Hops-16)		
HopTechnic-116 (Terpenes Composition Analysis by GC-FID, modified ASBC Hops-17)		



Aroma Compound	% of Total Oil
2-Undecanone	0.16%
a-pinene	0.24%
B-ionone	0.62%
b-pinene	0.70%
Caryophyllene	9.96%
Caryophyllene oxide	0.04%
Citral	0.02%
Citronellene	0.05%
Citronellol	0.08%
Farnesene	0.04%
Geraniol	0.82%
Geranyl acetate 1	0.01%
Geranyl acetate 2	0.00%

Aroma Compound	% of Total Oil
Humulene	16.67%
Limonene	0.07%
Linalool	0.60%
Methyl Heptanoate	0.14%
Methyl Laurate	1.89%
Methyl Octanoate	0.70%
Methyl thiohexanoate	0.13%
Myrcene	50.37%
Nerol	0.00%
Nerolidol 1	0.19%
Nerolidol 2	0.02%
Ocimene	2.07%
Terpinolene	0.50%
Unidentified	13.91%

Released by: 

Date: 10/30/2025

6371 Fort Rd Toppenish, WA 98948

509-865-6422

*Results are related only to the samples tested and may or may not be representative of the lot.

COA Rev. YQH 10/28/24

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