



Yakima Quality Hops
5200 West Chestnut Ave
Yakima, WA 98908

Certificate of Analysis

Lot Number: CEN-2531

Variety: CENTENNIAL

Crop Year: 2025

Product Type: T90

Analysis Date: 10/07/2025

Measurement Type	Data Value	Analysis Method
Alpha-Acids	9.2%	UV Spectro by ASBC HOPS - 6A
Beta-Acids	4.1%	UV Spectro by ASBC HOPS - 6A
HSI	0.276	Hop Storage Index by ASBC Hops - 12
Total Oils	1.7	ASBC Hops - 13 (%v/w)
B-Pinene	0.9%	ASBC Hops - 13 (%v/w)
Myrcene	63.2%	Oil Profile by GC, EBC Analytica V 7.12
Linalool	0.6%	Oil Profile by GC, EBC Analytica V 7.12
Caryophyllene	5.7%	Oil Profile by GC, EBC Analytica V 7.12
Farnesene	0.1%	Oil Profile by GC, EBC Analytica V 7.12
Humulene	11.3%	Oil Profile by GC, EBC Analytica V 7.12
Geraniol	1.4%	Oil Profile by GC, EBC Analytica V 7.12

Lead: < 1.0 ppm, passes test

Arsenic: < 0.5 ppm, passes test

Cadmium: < 0.03 ppm, passes test

Mercury: <0.05 ppm, passes test

Total Heavy Metals < 10 ppm (asPb), passes test

Analysis performed by YCH (third-party lab)

Certified By: *Lee Rottweiler* 10/14/24