



Yakima Quality Hops
5200 West Chestnut Ave
Yakima, WA 98908

Certificate of Analysis

Lot Number: CEN-2533

Variety: CENTENNIAL

Crop Year: 2025

Product Type: T90

Analysis Date: 10/20/2025

Measurement Type	Data Value	Analysis Method
Alpha-Acids	9.8%	UV Spectro by ASBC HOPS - 6A
Beta-Acids	4.3%	UV Spectro by ASBC HOPS - 6A
HSI	0.274	Hop Storage Index by ASBC Hops - 12
Total Oils	1.4	ASBC Hops - 13 (%v/w)
B-Pinene	0.9%	ASBC Hops - 13 (%v/w)
Myrcene	61.6%	Oil Profile by GC, EBC Analytica V 7.12
Linalool	0.6%	Oil Profile by GC, EBC Analytica V 7.12
Caryophyllene	4.5%	Oil Profile by GC, EBC Analytica V 7.12
Farnesene	0.1%	Oil Profile by GC, EBC Analytica V 7.12
Humulene	8.5%	Oil Profile by GC, EBC Analytica V 7.12
Geraniol	1.3%	Oil Profile by GC, EBC Analytica V 7.12

Lead: < 0.6 ppm, passes test

Arsenic: < 0.4 ppm, passes test

Cadmium: < 0.1 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* 10/27/24