



YAKIMA CHIEF HOPS LLC

Certificate of Analysis

Supplier: Yakima Chief Hops SA
45, rue des Sablières/Unit 66
1435 Mont-Saint-Guibert
Belgium

Product Name: Type 90 Hop Pellets

Lot Number: 23-329
Variety: Riwaka™ Brand, 85.6-23, NZ Hops
Crop Year: 2023
Production Date: August 2023
Best Use Before Date: August 2026

<u>Characteristic</u>	<u>Typical Analysis</u>	<u>Actual Analysis</u>
Alpha Acids:	2.5 - 17.5% (w/w) UV Spectro by ASBC HOPS - 6A	4.75%
Beta Acids:	3.0 - 9.0% (w/w) UV Spectro by ASBC HOPS - 6A	4.3%
Hop Storage Index	Varies by Variety and Time from Harvest Hop Storage Index by ASBC Hops - 12	0.260
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Hop Storage Index	Varies by Variety and Time from Harvest Hop Storage Index by ASBC Hops - 12	0.260
Lead:	< 1.0 ppm	passes test
Arsenic:	< 0.5 ppm	passes test
Cadmium:	< 0.03 ppm	passes test
Total Heavy Metals:	< 10 ppm (asPb)	passes test

Missy Raver
Sr. VP Grower Relations, Quality & ERM