

Certificate of analysis

John I Haas, Inc.
1600 River Road
Yakima, WA 98902
USA
1(509) 469-4000

Certificate of analysis	ICA002780		
Product name	Citra® HOPKICK™	Production date	10-Nov 2024
Batch number	405378-02	Best by date	10-Aug 2025

Notes

Type	Description	Note
CoA Note	Product Description	HopKick™ is a 100% hop-derived aqueous extract that is clear, flowable, variety specific, and true-to-type. HopKick is designed for addition to the cold side of beverage operations to achieve the greatest impact of flavor and aroma.
CoA Note	Storage	Store at or below 5C / 41F. Keep container closed when not in use. Use opened containers as soon as possible.
CoA Note	HACCP Statement	Composite product sample tested for heavy metals and lead on annual basis per John I. Haas HACCP program to ensure compliance with the specification.
CoA Note	Sensory Statement	John I. Haas, Inc. maintains a trained sensory program whose members undergo a minimum of 30 hours per year of training. This panel is utilized for the qualitative and quantitative evaluation of hops and hop products. Its role at JIH involves producing true-to-type evaluations and sensory profiles for all raw materials contracted by and all innovative products produced by JIH.
CoA Note	Microbiology and Mycotoxin Testing Program	John I. Haas, Inc. maintains a microbiological and mycotoxin testing program which includes testing on raw hop materials, finished hop products, and the production environment. This program includes testing for pathogens such as Salmonella, Listeria, E. coli, and Staphylococcus, as well as for yeast and mold and for mycotoxins such as Aflatoxins and Ochratoxins. Pesticide residues are monitored in hop products under our BarthHaas Quality Guarantee.
CoA Note	Pesticide Statement	

Test	Unit	Test value	Reference method
HK Appearance		Meets	
True-To-Type		Meets	
Alpha, HPLC	%	0.0	ASBC Hops-14
Beta, HPLC	%	0.0	ASBC Hops-14