



1224 American Way, Watertown, WI 53094 Phone 920.261.0963 Fax 920.261.0642

## Hydrohop 10%

### Product Description

A standardized aqueous solution of the potassium salts of tetrahydro-iso- $\alpha$  acids produced from CO<sub>2</sub> extract. Use of Hydrohop will enhance beer foam when used as a post fermentation replacement for part of normal bittering. In the absence of  $\alpha$  and iso- $\alpha$  acids, Hydrohop will provide complete protection from the formation of light struck flavors.

### Product Specifications

<b>Description</b>	A pale yellow to amber solution of the potassium salts of tetrahydro-iso- $\alpha$ -acids
<b>Concentration</b>	Standard concentration is 10.0% w/w ( $\pm 0.2\%$ ) of tetrahydro-iso- $\alpha$ -acids by HPLC analysis (or by UV Spectrophotometric analysis as required)
<b>pH</b>	10.45 (Range 9.8-10.5)
<b>Density</b>	1.017 $\pm 0.005$ g/ml
<b>Solubility</b>	Soluble in demineralized water

### Quality and Food Safety

- Watertown Hops Company, located in Watertown, WI - USA, is a Certified FSSC 22000 and ISO 9001:2015 facility.
- Our Food Safety Program is HACCP based and is designed for the advanced hops products produced at this facility.
- Our facility is compliant with FDA regulations for extract (Site: 21CFR 172.560) and is Generally Recognized as Safe (GRAS) when used as a direct human food ingredient.
- Watertown Hops is also compliant with the required Good Manufacturing Practices (GMP) of Title 21, Code of Federal Regulations, and Part 110.
- Our product is Kosher certified.

### Packaging

Hydrohop 10% is packaged in 20 kg high-density polyethylene (HDPE) containers or in 1,275 kg recyclable totes (or as otherwise agreed).

### Storage and Product Shelf Life Recommendations

- Store Hydrohop 10% in unopened containers. *Ideal storage 50-77°F (10-25°C) with an acceptable storage range of 40-100°F (4.4-37.8°C).*
- Avoid freezing.
- Hydrohop 10% is stable for 18 months from the date of production under the recommended storage conditions.

