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## Beta Hydrohop 5%

### Product Description

A standardized aqueous solution of the potassium salts of tetrahydro-iso- $\alpha$  acids produced from CO<sub>2</sub> extract. Use of Beta 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, Beta 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 5.0% w/w ( $\pm 0.2\%$ ) of tetrahydro-iso- $\alpha$ -acids by HPLC analysis. |
| <b>pH</b>            | 8.0 ( $\pm 0.25$ )  |
| <b>Density</b>       | 1.008 $\pm 0.005$ 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

Beta Hydrohop 5% is packaged in 20 kg high-density polyethylene (HDPE) containers or in 2300 lb. recyclable totes (or as otherwise agreed).

### Storage and Product Shelf Life Recommendations

- Store Beta Hydrohop 5% 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.
- Beta Hydrohop 5% is stable for 18 months from the date of production under the recommended storage conditions.

