

### 1. Product Name

Sirius Stab XL

### 2. Other Characteristics

NA

### 3. Description

**Sirius Stab XL** is a proprietary aqueous formulation of a mixture of fatty acids hop acids as their potassium salt.

Hops and hop extracts are general recognized as safe (GRAS) in accordance with the US FDA regulation 21 CFR 182.20.

### 4. Analysis

Characteristic	Specification	Method
Appearance:	Amber/brown liquid <sup>(1)</sup>	Visual
Identification (HPLC):	Meets test	HPLC
Assay, As hop acids by HPLC (w/w):*	8.5% - 9.8%	HPLC method
pH*	11.0 – 11.5	pH meter
Lead:	Less than 1 ppm	ICP <sup>(2)</sup>
Cadmium:	Less than 1 ppm	ICP <sup>(2)</sup>
Chromium:	Less than 1 ppm	ICP <sup>(2)</sup>
Arsenic:	Less than 1 ppm	ICP <sup>(2)</sup>
Mercury:	Less than 1 ppm	AFS <sup>(3)</sup>

(1) Some precipitation may occur

(2) Inductively Coupled Plasma

(3) Atomic Fluorescence Spectrometry

### 5. Storage

Keep container closed and out of direct sunlight and prevent from freezing (above 0 °C/32 °F).

Shelf Life:	24 months
Storage Temp:	5 - 25°C (41 – 77 °F)

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