

## Certificate of Analysis

**Product Name:** Type 90 Hop Pellets

**Lot Number:** P91-AAUCIT0270  
**Variety:** Citra® Brand HBC 394 cv.  
**Crop Year:** 2016  
**Production Date:** January 2017  
**Best Use Before Date:** January 2020

<u>Characteristic</u>	<u>Typical Analysis</u>	<u>Actual Analysis</u>
<b>Alpha Acids:</b>	2.5 - 17.5% (w/w) LCV by EBC Analytica V 7.5	13.1%
<b>Oil by Distillation:</b>	Varies by Variety ASBC Hops - 13 (%v/w)	3.1%
<b>Oil Profile by GC, EBC Analytica V 7.12:</b>	<b>B-Pinene:</b> 0.8 % <b>Myrcene:</b> 63.0 % <b>Linalool:</b> 0.8 % <b>Caryophyllene:</b> 6.4 %	<b>Farnesene:</b> 0.1 % <b>Humulene:</b> 10.2 % <b>Geraniol:</b> 0.4 %