

Certificate of Analysis

Product:	Nugget
Batchnumber:	P91-ABUNUG0331
Type:	Pellet T90
Crop:	2016
Country of origin:	USA

<u>Characteristic</u>	<u>Typical Analysis</u>	<u>Actual Analysis</u>
Alpha Acids:	2.5 - 17.5% (w/w) LCV by EBC Analytica V 7.5	11.4%
Oil by Distillation:	Varies by Variety ASBC Hops - 13 (%v/w)	1.4%
Oil Profile by GC, EBC Analytica V 7.12:	B-Pinene: 0.6 % Myrcene: 43.6 % Linalool: 0.8 % Caryophyllene: 11.4 %	Farnesene: 0.1 % Humulene: 0.2 % Geraniol: 0.1 %
Lead:	< 1.0 ppm	passes test
Arsenic:	< 0.5 ppm	passes test
Cadmium:	< 0.03 ppm	passes test
Total Heavy Metals:	< 10 ppm (asPb)	passes test

Selected Brewing Ingredients BV
 Kraaiendonk 44
 5428NZ Venhorst
 Nederland