

Certificate of Analysis

Product:	Cluster T90
Batchnummer:	P92-YLUCLU5159
Crop:	2015
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	7.5 %
OIL BY DISTILLATION:	Varies by Variety ASBC Hops - 13 (% v/w)	0.4 %
OIL PROFILE BY GC, EBC Analytica V 7.12:	B-Pinene: 0.7 % Myrcene: 43.6 % Linalool: 0.4 % Caryophyllene: 8.5 %	Farnesene: 0.3 % Humulene: 19.1 % Geraniol: 0.6 %
LEAD:	< 1.0 ppm	passes test
ARSENIC:	< 0.5 ppm	passes test
CADMIUM:	< 0.03 ppm	passes test
TOTAL HEAVY METALS:	< 10 ppm (as Pb)	passes test

Selected Brewing Ingredients BV
Kraaiendonk 44
5428NZ Venhorst
Nederland