



STATE OF WASHINGTON
DEPARTMENT OF AGRICULTURE
21 NORTH 1ST AVENUE, SUITE 106
YAKIMA, WASHINGTON 98902

BREWING VALUE CERTIFICATE

ISSUED TO: Lester Roy
401 WALTERS RD
MOXEE WA 989369775

DATE: October 10, 2014

THIS ANALYSIS WAS MADE FROM A COMPOSITE OF 9 CORES DRAWN BY FEDERAL-STATE SAMPLERS ACCORDING TO THE CERTIFICATE SCHEDULE.

LOT IDENTIFICATION: 14-406-111

QUANTITY: 87 Bales

METHOD: Spectro:ASBC

ANALYSIS:

10.6 % ALPHA ACIDS
3.7 % BETA ACIDS
HSI: 0.280
12.4 % BREWING VALUE

Lab No: 4630

FEE: 30.00

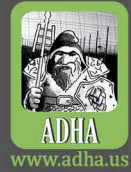
AGR 4400 (Rev. 7/98)

I certify on the above date, that WSDA Chemical and Hop Lab analyzed the official/submitted sample described herein, and that the brewing value results were found to be as stated.

Issuing Authority Signature _____

(SIGNATURE)

ADHA-529



ADHA-529 offers an enticing aroma of coconut and lemon combined with hints of tea and mint notes. ADHA-529's higher Alpha and moderate Co-Humulone give a nice, smooth bitterness to many styles of beer.

Parentage:



Aroma: Sweet; coconut; lemon; hay-like; mint tea; green herb tea; mint/tea

TYPICAL ANALYTIC RANGE:

Alpha:	10.5-12%	Total Oil:	1.3-2.3 ml/100g
Beta:	3.5-4.5%	Myrcene:	35-45% of total oils
Co-Humulone:	23-30%	Caryophyllene:	11-16% of total oils
		Humulene:	17-22% of total oils
		Farnesene:	<1% of total oils

