



# HBC 638

## EXPERIMENTAL

### VARIETY OVERVIEW SHEET



## SENSORY

### DESCRIPTION

Currently in the Elite Trials stage of the breeding program, HBC 638 is the daughter of Ekuanot® Brand HBC 366. It presents pronounced citrus and tropical aromas with notes of sweet aromatic, herbal, and stone fruit.

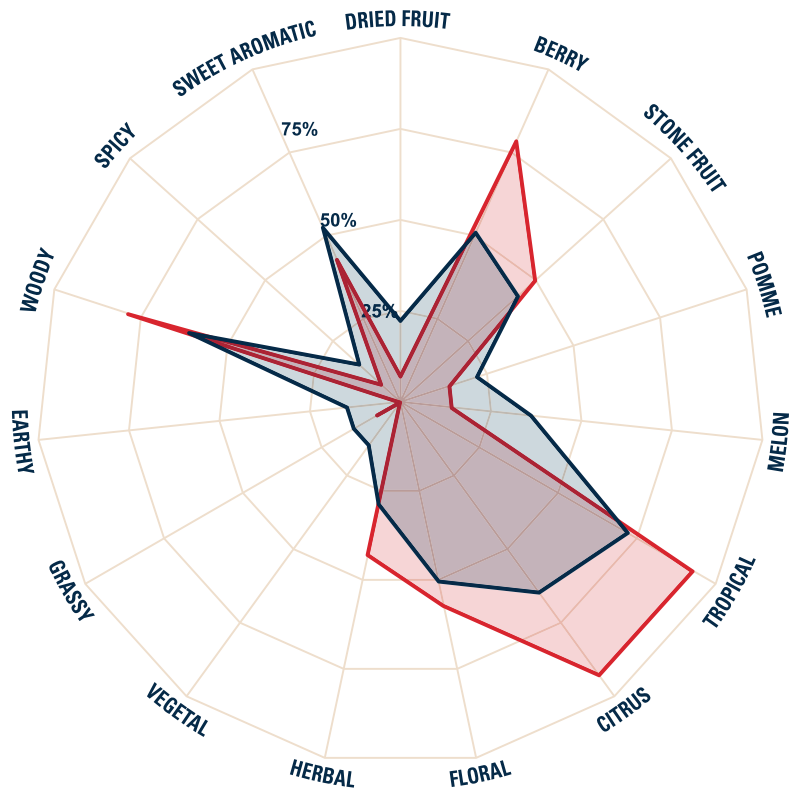
### HOP AROMA PROFILE

**CITRUS • TROPICAL • BERRY**  
**WOODY • FLORAL**



### BEER AROMA PROFILE

**TROPICAL • CITRUS • WOOD**  
**SWEET AROMATIC • BERRY**



— Hop Sensory 2022 — Beer Sensory 2021\*

\*The beer was a Pale Ale style beer dry hopped with 1.5 lb/bbl of HBC 638 pellets. All samples were evaluated by the YCH sensory panel.

## TECHNICAL SPECIFICATIONS

### TYPICAL BREWING VALUES

#### ALPHA ACIDS (26-30% COHUMULONE)



**13 - 16 %**

#### BETA ACIDS



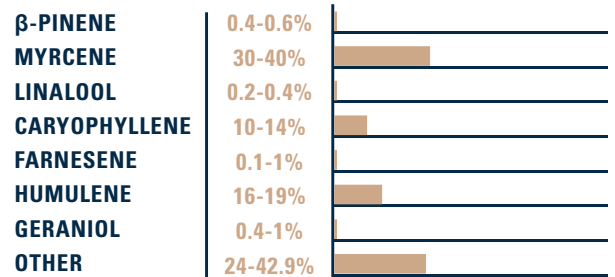
**4 - 6 %**

#### TOTAL OIL



**2 - 4 mL/100g**

### TOTAL OIL BREAKDOWN (% of total oil)





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#### SURVIVABLE COMPOUNDS

##### BREAKDOWN (PPM of total oil)

- ISOBUTYL ISOBUTYRATE - 19.6 PPM**  
**ESTER**  
FRUITY, PINEAPPLE, GRAPE SKIN, BANANA, TROPICAL
- LINALOOL - 82.9 PPM**  
**MONOTERPENE ALCOHOL**  
FRUITY, FLORAL
- ISOAMYL ISOBUTYRATE - 76.5 PPM**  
**ESTER**  
FRUITY, SWEET, TROPICAL

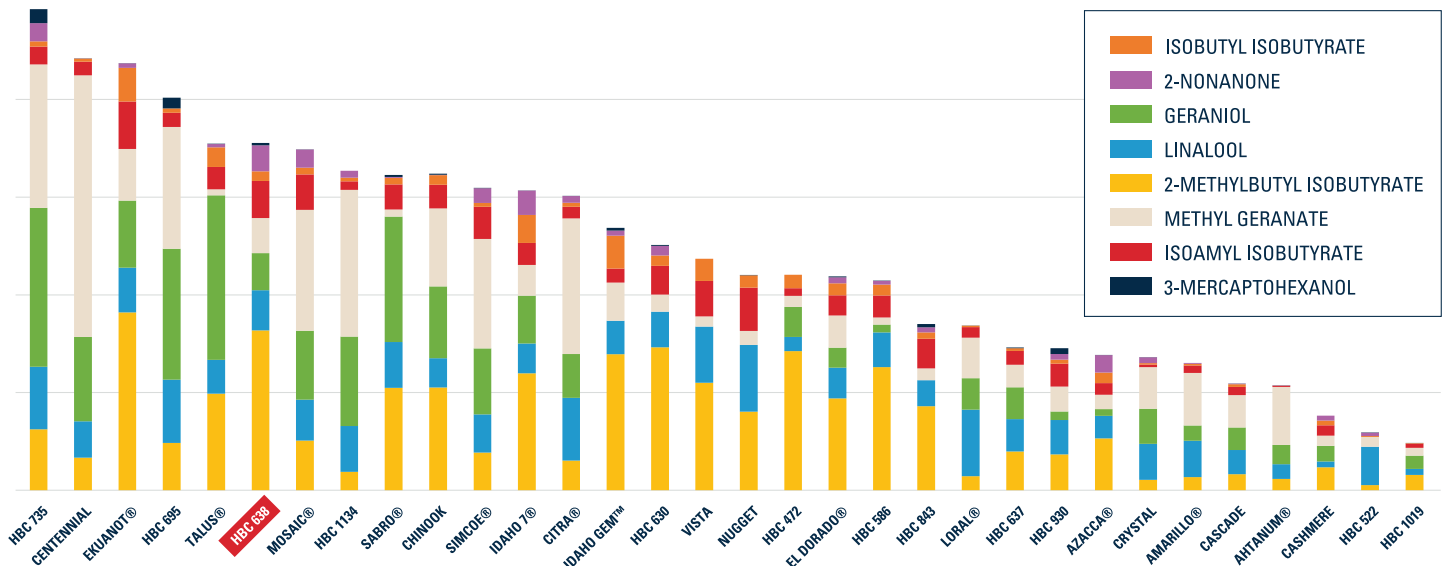
- 2-NONANONE - 54.0 PPM**  
**KETONE**  
SWEET & FRUITY OR CHEESY, BUTTERY, WAXY
- 2-METHYLBUTYL ISOBUTYRATE - 329.5 PPM**  
**ESTER**  
FRUITY, APRICOT
- 3-MERCAPTOHEXANIOL - 4.7 PPM**  
**POLYFUNCTIONAL THIOL**  
GRAPEFRUIT, TROPICAL

- GERANIOL - 76.6 PPM**  
**MONOTERPENE ALCOHOL**  
GERANIUM-LIKE, CITRUSY
- METHYL GERANATE - 72.5 PPM**  
**ESTER**  
FRUITY, FLORAL

NOTE: Due to limited acreage and lots available for analysis, the data presented for HBC varieties may not represent a true varietal average.

#### USAGE RECOMMENDATION

**HBC 638 IS A GOOD CANDIDATE FOR HIGH IMPACT EARLY IN THE BREWING PROCESS.**



GOOD CANDIDATES FOR HIGH IMPACT EARLY IN THE BREWING PROCESS  
(LATE KETTLE, WP, AFDH)

BETTER UTILIZED LATER IN THE BREWING PROCESS  
(PFDH)