



**Copperworks American Single Malt Whiskey  
Release 044 – June 22, 2021**

**Brew Data**

**Brews contributing to Barrels 213**

- Brew 1 number: 20170412-1 (FV3)
  - Brew date: 04/12/2017
  - Malt Bill: 4998 lbs Athena Genie
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1984.5 gal
  - Original Gravity: 1.07414
  - Terminal Gravity: 1.00874
  - Days in fermentation: 12 days at 70 degrees F.
  - Percent ABV at end of fermentation: 9.02%
  - Minimum days in cold-conditioning: 24 days

**Brews contributing to Barrels #223, #228**

- Brew 1 number: 20170629-1 (FV1)
  - Brew date: 06/29/2017
  - Malt Bill: 4943 lbs SVM Baronesse
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1816 gal
  - Original Gravity: 1.0737
  - Terminal Gravity: 1.0126
  - Days in fermentation: 13 days at 70 degrees F.
  - Percent ABV at end of fermentation: 8.45%
  - Minimum days in cold-conditioning: 19 days
- Brew 1 number: 20170713-1 (FV2)
  - Brew date: 07/13/2017
  - Malt Bill: 5042 lbs SVM Baronesse
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1841 gal
  - Original Gravity: 1.0723
  - Terminal Gravity: 1.0118

- 
- Days in fermentation: 13 days at 70 degrees F.
  - Percent ABV at end of fermentation: 8.36%
  - Minimum days in cold-conditioning: 20 days

#### **Brews contributing to Barrel #231**

- Brew 1 number: 20170608-1 (FV3)
  - Brew date: 06/08/2017
  - Malt Bill: 4000 lbs NW High Color Pale, 1300 lbs WA Select
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1956 gal
  - Original Gravity: 1.07371
  - Terminal Gravity: 1.01075
  - Days in fermentation: 14 days at 70 degrees F.
  - Percent ABV at end of fermentation: 8.69%
  - Minimum days in cold-conditioning: 29 days

#### **Brews contributing to Barrels #250**

- Brew 1 number: 20170921-1 (FV1)
  - Brew date: 09/21/17
  - Malt Bill: 2650 lbs WA Select Pale, 2650 Great Western Pale
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1,953 gal
  - Original Gravity: 1.074
  - Terminal Gravity: 1.012
  - Days in fermentation: 8 days at 70 degrees F.
  - Percent ABV at end of fermentation: 8.54%
  - Minimum days in cold-conditioning: 52 days
- Brew 2 number: 20171109-1 (FV3)
  - Brew date: 11/09/17
  - Malt Bill: 4619 lbs Great Western 2 Row Pale
  - Brewery: Fremont Brewing
  - Volume in fermentation: 1,807 gal
  - Original Gravity: 1.075
  - Terminal Gravity: 1.0056
  - Days in fermentation: 9 days at 70 degrees F.
  - Percent ABV at end of fermentation: 9.6%
  - Minimum days in cold-conditioning: 44 days

---

**Brews contributing to Barrel #266**

- Brew 1 number: 20180111-1 (FV2)
  - Brew date: 01/11/2018
  - Malt Bill: 2715 lbs Pale High Color, 2650 lbs Washington Select
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1,914 gal
  - Original Gravity: 1.074
  - Terminal Gravity: 1.0095
  - Days in fermentation: 11 days at 70 degrees F.
  - Percent ABV at end of fermentation: 8.92%
  - Minimum days in cold-conditioning: 15 days

**Brews contributing to Barrel #271**

- Brew 2 number: 20180118-1 (FV3)
  - Brew date: 01/18/2018
  - Malt Bill: 4612 lbs. Great Western 2 Row
  - Brewery: Fremont Brewing
  - Volume in fermentation: 1925 gal
  - Original Gravity: 1.0737
  - Terminal Gravity: 1.0127
  - Days in fermentation: 12 days at 70 degrees F.
  - Percent ABV at end of fermentation: 8.44%
  - Minimum days in cold-conditioning: 14 days

**Brews contributing to Barrel #291**

- Brew 1 number: 20180607-1 (FV3)
  - Brew date: 06/07/2018
  - Malt Bill: 2650 lbs WA Select Pale, 2650 Great Western Pale
  - Brewery: Elysian Brewing Co, Airport Way facility
  - Volume in fermentation: 1904 gal
  - Original Gravity: 1.075
  - Terminal Gravity: 1.008
  - Days in fermentation: 9 days at 70 degrees F.
  - Percent ABV at end of fermentation: 9.09%
  - Minimum days in cold-conditioning: 18 days

**Distillation Data**

---

**Distillations Contributing to Barrel #213**

- Total # of Wash Distillations: 2
  - Wash Distillation 1 number: 20170516-1
    - Low Wines Yield: 350.42 gal
    - Low Wines ABV: 24.15%
  - Wash Distillation 2 number: 20170522-1
    - Low Wines Yield: 334.12 gal
    - Low Wines ABV: 24.1%
  
- Total # of Whiskey Distillations: 3
  - Whiskey Distillation 1 number: 20170518-1
    - New make yield: 108.15 gal
    - New make ABV: 67.6%
  - Whiskey Distillation 2 number: 20170601-1
    - New make yield: 118.04 gal
    - New make ABV: 67.1%
  - Whiskey Distillation 3 number: 20170609-1 Queens Athena Genie/5 Malt
    - New make yield: 127.37 gal
    - New make ABV: 67.9%

**Distillations Contributing to Barrels #228, #223**

- Total # of Wash Distillations: 3
  - Wash Distillation 1 number: 20170731-1
    - Low Wines Yield: 301.53 gal
    - Low Wines ABV: 23.25%
  - Wash Distillation 2 number: 20170808-1
    - Low Wines Yield: 312.39 gal
    - Low Wines ABV: 23.95%
  - Wash Distillation 3 number: 20170815-1
    - Low Wines Yield: 312.94 gal
    - Low Wines ABV: 22.95%
  
- Total # of Whiskey Distillations: 2
  - Whiskey Distillation 1 number: 20170807-1
    - New make yield: 104.31 gal
    - New make ABV: 67.5%
  - Whiskey Distillation 2 number: 20170814-1

- New make yield: 106.51 gal
- New make ABV: 67.5%
- Whiskey Distillation 3 number: 20170816-1
  - New make yield: 107.6 gal
  - New make ABV: 67.7%

### **Distillations Contributing to Barrel #231**

- Total # of Wash Distillations: 3
  - Wash Distillation 1 number: 20170817-1
    - Low Wines Yield: 271.65 gal
    - Low Wines ABV: 21.4%
  - Wash Distillation 2 number: 20170831-1
    - Low Wines Yield: 302.07 gal
    - Low Wines ABV: 23.15%
  - Wash Distillation 3 number: 20170903-1
    - Low Wines Yield: 264.04 gal
    - Low Wines ABV: 21.95%
- Total # of Whiskey Distillations: 3
  - Whiskey Distillation 1 number: 20170825-1
    - New make yield: 94,43 gal
    - New make ABV: 67.5%
  - Whiskey Distillation 2 number: 20170901-1
    - New make yield: 107.6 gal
    - New make ABV: 67.25%
  - Whiskey Distillation 3 number: 20170908-1
    - New make yield: 93.33 gal
    - New make ABV: 67.3%

### **Distillations Contributing to Barrel #250**

- Total # of Wash Distillations: 3
  - Wash Distillation 1 number: 20171120-1
    - Low Wines Yield: 320.54 gal
    - Low Wines ABV: 22.65%
  - Wash Distillation 2 number: 20171127-1
    - Low Wines Yield: 319.45 gal
    - Low Wines ABV: 22.7%

- 
- Wash Distillation 3 number: 20171222-1
    - Low Wines Yield: 334.12 gal
    - Low Wines ABV: 25.3%
  
  - Total # of Whiskey Distillations: 3
    - Whiskey Distillation 1 number: 20171201-1
      - New make yield: 106.51 gal
      - New make ABV: 67.8%
    - Whiskey Distillation 2 number: 20171204-1
      - New make yield: 107.6 gal
      - New make ABV: 67.8%
    - Whiskey Distillation 3 number: 20180103-1
      - New make yield: 110.9 gal
      - New make ABV: 67.35%

#### **Distillations Contributing to Barrel #266**

- Total # of Wash Distillations: 2
  - Wash Distillation 1 number: 20180206-1
    - Low Wines Yield: 332.49 gal
    - Low Wines ABV: 24.15%
  - Wash Distillation 2 number: 20180209-1
    - Low Wines Yield: 280.34 gal
    - Low Wines ABV: 23.4%
  
- Total # of Whiskey Distillations: 2
  - Whiskey Distillation 1 number: 20180208-1
    - New make yield: 109.8 gal
    - New make ABV: 67.65%
  - Whiskey Distillation 2 number: 20180212-1
    - New make yield: 98.82 gal
    - New make ABV: 66%

#### **Distillations Contributing to Barrel #271**

- Total # of Wash Distillations: 2
  - Wash Distillation 1 number: 20180213-1
    - Low Wines Yield: 330.32 gal
    - Low Wines ABV: 24.05%

- 
- Wash Distillation 2 number: 20180219-1
    - Low Wines Yield: 296.09 gal
    - Low Wines ABV: 23.85%
  
  - Total # of Whiskey Distillations: 2
    - Whiskey Distillation 1 number: 20180215-1
      - New make yield: 108.15 gal
      - New make ABV: 66.2%
    - Whiskey Distillation 2 number: 20180220-1
      - New make yield: 107.06 gal
      - New make ABV: 64.7%

### **Distillations Contributing to Barrel #291**

- Total # of Wash Distillations: 2
  - Wash Distillation 2 number: 20180625-1
    - Low Wines Yield: 334.7 gal
    - Low Wines ABV: 24.25%
  - Wash Distillation 3 number: 20180627-1
    - Low Wines Yield: 297.7 gal
    - Low Wines ABV: 22.1%
  
- Total # of Whiskey Distillations: 2
  - Whiskey Distillation 2 number: 20180726-1
    - New make yield: 121.88 gal
    - New make ABV: 60.94%
  - Whiskey Distillation 3 number: 20180801-1
    - New make yield: 110.9 gal
    - New make ABV: 68.7%

### **Maturation Data**

#### **Barrel #213**

- Barreling Date 06/14/2017
- Proofing date for New Make Whiskey: 06/01/2017
- Barrel entry proof: 115 Proof (57.5% ABV)
  - Cooperage: ISC, Lebanon, MO
  - Barrel fill volume in gallons: 52.05

- 
- Stave wood: New American Oak
  - Char: #1
  - Warehouse conditions: ~70 degrees F. Average humidity ~50%
  - Days of maturing, prior to emptying: 1,827 days
  - Exit volume and proof: 38.64 Gallons @ 124.6 proof (62.3% ABV)

**Barrel #223**

- Barreling Date 08/22/2017
- Proofing date for New Make Whiskey: 08/18/2018
- Barrel entry proof: 115 Proof (57.5% ABV)
  - Cooperage: ISC, Lebanon, MO
  - Barrel fill volume in gallons: 52.49
  - Stave wood: New American Oak
  - Char: #1
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,758 days
- Exit volume and proof: 36.69 Gallons @ 125.4 proof (62.7% ABV)

**Barrel #228**

- Barreling date: 08/24/2017
- Proofing date for New Make Whiskey: 08/18/2017
- Barrel entry proof: 115.0 Proof (57.5% ABV)
  - Cooperage: ISC, Lebanon, MO
  - Barrel fill volume in gallons: 52.49
  - Stave wood: New American Oak
  - Char: #1
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1756 days
- Exit volumes and proofs: 37.58 gal @ 125 proof (62.5% ABV)

**Barrel #231**

- Barreling date: 09/22/2017
- Proofing date for New Make Whiskey: 09/14/2017
- Barrel entry proof: 122 Proof (61% ABV)
  - Cooperage: ISC, Lebanon, MO
  - Barrel fill volume in gallons: 53.99
  - Stave wood: New American Oak



---

– Char: #1

- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,727 days
- Exit volume and proof: 40.22 Gallons @ 133.5 proof (66.75% ABV)

#### **Barrel #250**

- Barreling date: 01/16/2018
- Proofing date for New Make Whiskey: 01/08/2018
- Barrel entry proof: 115.3 Proof (57.65% ABV)
  - Cooperage: Kelvin, Louisville KY
  - Barrel fill volume in gallons: 53.99
  - Stave age: 18 Months
  - Stave wood: New American Oak
  - Char: #3
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,611 days
- Exit volume and proof: 24.18 Gallons @ 119.8 proof (59.9% ABV)

#### **Barrel #266**

- Barreling Date 03/05/2018
- Proofing date for New Make Whiskey: 03/05/2018
- Barrel entry proof: 115.3 Proof (57.65% ABV)
  - Cooperage: Kelvin, Louisville KY
  - Barrel fill volume in gallons: 53.73
  - Stave age: 18 Months
  - Stave wood: New American Oak
  - Char: #3
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,563 days
- Exit volume and proof: 37.96 Gallons @ 119.1 proof (59.55% ABV)

#### **Barrel #271**

- Barreling Date 03/07/2018
- Proofing date for New Make Whiskey: 03/06/2018
- Barrel entry proof: 120 Proof (60% ABV)
  - Cooperage: Kelvin, Louisville KY
  - Barrel fill volume in gallons: 53.99

- Stave age: 18 Months
- Stave wood: New American Oak
- Char: #3
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,561 days
- Exit volume and proof: 42.78 Gallons @ 123.9 proof (61.95% ABV)

### **Barrel #291**

- Barreling Date 08/21/2018
- Proofing date for New Make Whiskey: 08/21/2018
- Barrel entry proof: 111 Proof (55.5% ABV)
  - Cooperage: Kelvin, Louisville KY
  - Barrel fill volume in gallons: 53.32 gal
  - Stave age: 18 Months
  - Stave wood: New American Oak
  - Char: #3
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1,394 days
- Exit volume and proof: 43.38 Gallons @ 114.8 proof (57.4% ABV)

### **Marrying, Proofing, and Bottling Data**

- Date barrels emptied: 06/15/2022
- Combined exit proof: 123.3 Proof (61.65% ABV)
- Proofed for bottling Date: 06/15/2022
- Final proof: 100 proof (50% ABV)
- Bottling Date: 06/28/2022
- Bottles produced for release: 1919