



Copperworks American Single Malt Whiskey
Release 046 – 10-14-2022

Brew Data

Barrels 367, 369, 370, 371, 372, 373

- Brew 1 number: 20190702-1 (FV1)
 - Brew date: 07/02/19
 - Malt Bill: 4940 lbs. Athena OR Genie Pale
 - Brewery: Elysian Brewing
 - Volume in fermentation: 1,866 gal
 - Original Gravity: 1.0772
 - Terminal Gravity: 1.01
 - Days in fermentation: 13 days at 70 degrees F.
 - Percent ABV at end of fermentation: 9.32%
 - Minimum days in cold-conditioning: 7 days
- Brew 2 number: 20190717-1 (FV2)
 - Brew date: 07/17/19
 - Malt Bill: 4763 lbs. Athena OR Genie Pale
 - Brewery: Elysian Brewing
 - Volume in fermentation: 1,922 gal
 - Original Gravity: 1.073
 - Terminal Gravity: 1.01
 - Days in fermentation: 8 days at 70 degrees F.
 - Percent ABV at end of fermentation: 8.69%
 - Minimum days in cold-conditioning: 12 days

Barrels 318, 320

- Brew 1 number: 20190110-1 (FV2)
 - Brew date: 01/10/2019
 - Malt Bill: 5000 lbs. Athena OR Genie Pale
 - Brewery: Elysian Brewing
 - Volume in fermentation: 1,924 gal
 - Original Gravity: 1.0768
 - Terminal Gravity: 1.0075
 - Days in fermentation: 12 days at 70 degrees F.

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- Percent ABV at end of fermentation: 10.04%
 - Minimum days in cold-conditioning: 6 days

Distillation Data

Barrels 367, 369, 370, 371, 372, 373

- Total # of Wash Distillations: 3
 - Wash Distillation 1 number: 20190722-1
 - Low Wines Yield: 334.68 gal
 - Low Wines ABV: 24%
 - Wash Distillation 2 number: 20190724-1
 - Low Wines Yield: 332.5 gal
 - Low Wines ABV: 24%
 - Wash Distillation 3 number: 20190806-1
 - Low Wines Yield: 347.7 gal
 - Low Wines ABV: 24%
- Total # of Whiskey Distillations: 3
 - Whiskey Distillation 1 number: 20190730-1
 - New make yield: 94.73 gal
 - New make ABV: 67.5%
 - Whiskey Distillation 2 number: 20190807-1
 - New make yield: 103.2 gal
 - New make ABV: 68%
 - Whiskey Distillation 3 number: 20190813-1
 - New make yield: 111.9 gal
 - New make ABV: 66.9%

Barrels 318, 320

- Total # of Wash Distillations: 2
 - Wash Distillation 1 number: 20190103-1
 - Low Wines Yield: 320.37 gal
 - Low Wines ABV: 23.5%
 - Wash Distillation 2 number: 20190128-1
 - Low Wines Yield: 327.79 gal
 - Low Wines ABV: 25.8%
- Total # of Whiskey Distillations: 2
 - Whiskey Distillation 1 number: 20190111-1
 - New make yield: 112 gal

- New make ABV: 67.5%
- Whiskey Distillation 2 number: 20190201-1
 - New make yield: 119.19 gal
 - New make ABV: 67.5%

Maturation Data

- **Barrels 367, 369, 370, 371, 372, 373**
- Barreling date: 10/03/2019
- Proofing date for New Make Whiskey: 10/03/2019
- Barrel entry proof: 112.0 Proof (56% ABV)
 - Cooperage: Canton Cooperage, Lebanon, KY
 - Barrel fill volume in gallons:
 - 367: 52.9
 - 369: 53.4
 - 370: 53.1
 - 371: 53.0
 - 372: 52.7
 - 373: 52.9
 - Stave age: 24/36 Months
 - Stave wood: American White Oak
 - Toast: Heavy Toast, Toasted Head
 - Char: #2
- Warehouse conditions: ~70 degrees F. Average humidity ~50%
- Days of maturing, prior to emptying: 1100
- Exit Volume and Proof:
 - 367: 41.9 gal @ 118.7
 - 369: 42.9 gal @ 118.1
 - 370: 43.5 gal @ 118.0
 - 371: 41.4 gal @ 118.7
 - 372: 41.6 gal @ 119.6
 - 373: 42.6 gal @ 118.8

Barrels 318, 320

- Barreling date: 2/25/2019
- Proofing date for New Make Whiskey: 2/25/2019
- Barrel entry proof: 115.0 Proof (57.5% ABV)
 - Cooperage: Canton Cooperage, Lebanon, KY
 - Barrel fill volume in gallons:

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- 318: 53.3
 - 320: 53.2
 - Stave age: 36 Months
 - Stave wood: American White Oak
 - Toast: Heavy Toast, Toasted Head
 - Char: #2
 - Warehouse conditions: ~70 degrees F. Average humidity ~50%
 - Days of maturing, prior to emptying: 1320
 - Exit Volume and Proof:
 - 318: 42.9 gal @ 118.3
 - 320: 42.9 gal @ 119.6

Marrying, Proofing, and Bottling Data

- Date barrels emptied: 10/07/2022
- Exit proof: 118.7 Proof (59.35% ABV)
- Proofed for bottling Date: 10/07/2022
- Final proof: 100 proof (50% ABV)
- Bottling Date: 10/14/2022
- Bottles produced for release: 2022