

1141 Red Mile Road, Suite 202, Lexington, KY 40504.

BDAS, LLC. TEST RESULTS 2020

LAB SAMPLE #: 19-4753-6

PRODUCT: Four Samples, Coded Below TYPE OF PACKAGE: 1 x 200 mL bottle each DATE SAMPLE RECEIPT/ENTRY: 12-16-2019 DATE OF THIS REPORT OF RECORD: 01-03-2020 **COMPANY:** Copperworks Distilling Co.

1250 Alaskan Way

Seattle, WA 98101

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Quantitative Gluten Analysis:

Sample ID/ Parameter	4753 Vodka	4754 Gin	4755 New Oak Cask Finished Gin	4756 American Single Malt Whiskey
Gluten, (ppm)	n.d.	n.d.	n.d.	n.d.

Specific Report Comments: Samples are analyzed via the R-biopharm Ridascreen aliadin competitive test, an Enzyme Linked Immunosorbent Assay (ELISA). Samples are extracted and the extract placed in a series of wells coated with gluten specific antibodies, which capture the allergen (antigen) and a complex is formed which produces a product that is measured. Products below 20 ppm can be marketed as a gluten free product in most countries. Canada sets limits as less than 5 ppm.

Signature/Date

01/03/2020

Bentley, B.Sc. for BDAS