F. & D. No. 2244.
I. S. No. 3172-c.

Issued October 18, 1911.

United States Department of Agriculture,

OFFICE OF THE SECRETARY.

NOTICE OF JUDGMENT NO. 1119.

(Given pursuant to section 4 of the Food and Drugs Act.)

ADULTERATION AND MISBRANDING OF CIDER VINEGAR.

On May 20, 1911, the United States Attorney for the Eastern District of Washington, acting upon the report by the Secretary of Agriculture, filed information in the District Court of the United States for said district against W. J. Wilson & Son, alleging shipment by them, in violation of the Food and Drugs Act, on or about September 15, 1910, from the State of Washington into the State of Idaho, of a quantity of vinegar which was adulterated and misbranded. The said vinegar was labeled: "Fountain Pure Cider Vinegar. Packed for Idaho Merc. Co., Lewiston, Idaho."

Analysis by the Bureau of Chemistry of the United States Department of Agriculture showed the following results:

	Grams per 100 cc.
Solids	1.07
Nonsugar solids	.67
Sucrose by copper	.03
Reducing sugar invert	.37
Per cent sugar in solids	37.4
Polarization direct temperature 20° C. °V.	+6.6
Polarization invert 20° C. (normal weight) °V.	+2.0
Polarization invert 87° C. °V.	+2.0
Ash	.08
Ash, soluble in water	.07
Ash, insoluble in water	.01
Alk. sol. ash, cc N/10 acid 100 cc	7.2
Sol. phos. acid, mgs per 100 cc	1.2
Insol. phos. acid, mgs per 100 cc	3.6
Acid, as acetic	4.64
Volatile acid, as acetic	4.56
Fixed acid, as malic	.09
Lead precipitate	Slight turbidity.
Color, degrees, brewer's scale (0.5 in cell)	10.0
Polarization direct 20° C. (normal weight)	+2.0
Glucose (factor 163) per cent.	1.2
Dextrin	None detected.

Adulteration was alleged for the reason that a product made by the fermentation and acidification of glucose as shown by the aforesaid analysis had been mixed with said vinegar so as to reduce, lower, and injuriously affect its quality and strength, and substituted wholly or in part therefor. Misbranding was alleged for the reason that the label above set forth represented the product to be a pure cider vinegar when in fact it was an adulterated product prepared in imitation of and offered for sale under the distinctive name of another article, to wit, pure cider vinegar, which representation was false and misleading.

On June 9, 1911, the defendant company pleaded guilty and was fined $25 and costs.

W. M. HAYS,
Acting Secretary of Agriculture.

WASHINGTON, D. C., *September 16, 1911.*

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