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## WHITE DISTILLED VINEGAR ( 200 TO 300 GRAIN)

### MATERIAL SPECIFICATIONS

Product: High Grain White Distilled Vinegar (200 to 300 grain)

#### PRODUCT DESCRIPTION:

White Distilled Vinegar is the product obtained from the acetous fermentation of dilute distilled ethanol obtained from corn, adjusted with water to the specified strength.

#### GENERAL REQUIREMENTS:

All U.S. deliveries shall conform in every respect to the applicable provisions of the U.S. Federal Food, Drug and Cosmetic Act as amended.

Material and workmanship shall be of good quality and the product shall be prepared in accordance with Federal Good Manufacturing Practices under strictly sanitary conditions to minimize the possibility of contamination during product manufacture.

Certificate of Analysis shall be furnished upon request.

#### ANALYTICAL REQUIREMENTS:

Grain (% acid X 10) (analyzed by volume)	1.0 grain above specified (+/- 1.0)
Residual alcohol (single strength, 50 grain)	0.5% maximum
Other chemical requirements	Iron: 2.0-PPM Max Copper: 1.0-PPM Max Heavy metals: 1.0-PPM Max

PHYSICAL REQUIREMENTS:

Appearance	Slight amber to moderate amber, practically clear, free from cloudiness. (Practically colorless available on special order)
Flavor/Odor	Clean and characteristic (acidic), free from foreign flavor or aroma.
Extraneous matter	None: free from sediment, floating particles, vinegar mother vinegar eels, insect fragments or other foreign material.

MICROBIOLOGICAL REQUIREMENTS:

No Pathogens.

INGREDIENT STATEMENT:

White or grain distilled vinegar

SHELF LIFE:

DRUMS	TOTES	BULK
18 mos.	18 mos.	9 mos.

This specification was developed with utmost care based on up-to-date information available, but should also be scrutinized by the recipient. It does not release him from checking the quality of goods delivered with proper diligence.