

n-Butyl Alcohol

Grade: USP/NF

Catalog number: 331USP/NF

Test	Mono-graph	Specification	Typical Result
Identification Test A - Infrared Spectroscopy	NF	Conforms to Infrared Spectra	Pass
Identification Test B	NF	Conforms to Reference Chromatogram	Pass
Assay	NF	NLT 99.5%	99.93 %
Limit of Butyraldehyde	NF	NMT 0.1%	None Detected
Limit of 2-Butanol	NF	NMT 0.1%	None Detected
Limit of Isobutyl Alcohol	NF	NMT 0.1%	0.03 %
Limit of Butyl Ether	NF	NMT 0.2%	0.02 %
Acidity	NF	NMT 2.5mL of KOH consumed	0.2 ml
Water Determination	NF	NMT 0.1%	0.02 %
Limit of Non-Volatile Residue	NF	NMT 0.004%	0.000 %

Certification and Compliance Statements

This product complies with all of the current requirements listed in the United States Pharmacopeia / National Formulary monograph.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

No chemicals whatsoever are used as solvents at any point in the manufacture, processing or packaging of Butyl alcohol. Only Class 2 and Class 3 residual solvents may appear as impurities / related substances / low level contaminants in Butyl Alcohol. Concentration of Class 2 Option 1 and Class 3 residual solvents is below limits in the current USP/NF General Chapter <467> .

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing.

Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.