



PRODUCT SPECIFICATION SHEET

BENZYL ALCOHOL

Meets NF/EP/BP Monographs

Main Catalog #: zh303NF/EP/BP-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

TEST	Monograph	SPECIFICATION	Typical Results
Assay	NF/EP/BP	98.0% - 100.5% of C ₇ H ₈ O	99.8%
Identification	NF	Conforms to Infrared Absorption	Conforms
Appearance	EP/BP	Clear and Colorless	Pass
Refractive Index	NF EP/BP	1.538 – 1.541 @ 20C 1.539 – 1.541 @ 20C	1.540
Clarity of Solution	NF	Test Solution shows same clarity as that of water, or its opalescence is not more pronounced than that of Reference suspension 1	Pass
Color of Solution	NF	The Test solution has the color of water	Passes
Acidity	NF/EP/BP	NMT 1.0mL of 0.10N NaOH solution is consumed	0.28mL
Inorganic Impurities: Fats and Fixed Oils: Peroxide Value	NF/EP/BP	NMT 5	2
Inorganic Impurities: Residue on Evaporation	NF	NMT 0.05%	<0.01%
Organic Impurities: Benzaldehyde and Other Related Compounds	NF/EP/BP	Benzaldehyde 0.15% max. Cyclohexylmethanol 0.10% max. Peaks with RT < C ₇ H ₈ O 0.04% max. Peaks with RT > C ₇ H ₈ O 0.30% max	0.02% <0.001% 0.03% <0.001%

Form: Benzyl Alcohol. NF/EP/BP. Rev. 1.1, 06/16, KAD

Not intended for Parenteral Use.

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.