



**PRODUCT SPECIFICATION SHEET**

**BENZYL ALCOHOL**

Meets NF/FCC Monographs

Main Catalog #: zh303NF/FCC-Size Code\*

Available in the following sizes:

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

TEST	Monograph	SPECIFICATION	Typical Results	
Appearance	FCC	Colorless liquid with sharp burning taste and faint aromatic odor	Conforms	
Assay	FCC	NLT 99.0% of C <sub>7</sub> H <sub>8</sub> O	99.8%	
Assay	NF	98.0% - 100.5% of C <sub>7</sub> H <sub>8</sub> O	99.8%	
Identification	FCC / NF	Conforms to Infrared Spectra	Conforms	
Refractive Index	FCC	1.539 – 1.541 @ 20C	1.540	
Refractive Index	NF	1.538 – 1.541 @ 20C	1.540	
Specific Gravity	FCC	1.042 – 1.047 @ 25C	1.043	
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	
Peroxide Value	NF	NMT 5	2	
Acidity	NF	NMT 1.0mL of 0.10N NaOH solution is consumed	0.28mL	
Distillation Range	FCC	NLT 95% distills between 202.5-206.5C	Passes	
Limit of Nonvolatile Residue	NF	NMT 0.05%	<0.01%	
Aldehydes	FCC	NMT 0.2%	<0.1%	
Chlorinated Compounds	FCC	To Pass Test	Passes	
Related Compounds	NF	Benzaldehyde	0.15% max.	0.02%
		Cyclohexylmethanol	0.10% max.	<0.001%
		Peaks with RT < C <sub>7</sub> H <sub>8</sub> O	0.04% max.	0.03%
		Peaks with RT > C <sub>7</sub> H <sub>8</sub> O	0.30% max	<0.001%

Form: Benzyl Alcohol. NF/FCC. Rev. 1.2, 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.