



**Specification for Benzyl Alcohol, NF, EP, BP, JP,
bioCERTIFIED (TM) (B8200)**

Item Number	B8200
Item	Benzyl Alcohol, NF, EP, BP, JP, bioCERTIFIED (TM)
CAS Number	100-51-6
Molecular Formula	C ₇ H ₈ O
Molecular Weight	108.14
MDL Number	
Synonyms	Benzenemethanol ; ?-Hydroxytoluene

Test	Specification	
	Min	Max
ASSAY	98.0	100.5 %
CLARITY OF SOLUTION	NO MORE OPALESCENCE THAN STANDARD	
COLOR OF SOLUTION	SAME COLOR AS WATER	
Solubility (EP/BP/JP)	SOLUBLE IN WATER MISCIBLE WITH ETHANOL AND WITH FATTY AND ESSENTIAL OILS	
Specific Gravity (JP)/Relative Density (EP/BP)	1.043	1.049@20°C
REFRACTIVE INDEX @ 20°C	1.538	1.541
PEROXIDE VALUE		5
ACIDITY		1 ml
RESIDUE ON EVAPORATION		0.05 %
ORGANIC IMPURITIES,		
Benzaldehyde and Other Related Substances		TO PASS TEST
CYCLOHEXYLMETHANOL		0.10 %
SUM OF ANY PEAK WITH A RELATIVE RETENTION TIME LESS THAN THAT OF BENYZL ALCOHOL		0.02 %
SUM OF ANY PEAK WITH RELATIVE RETENTION TIME GREATER THAN BENZYL ALCOHOL		0.2 %
ELEMENTAL IMPURITIES	AS REPORTED	
BACTERIAL ENDOTOXIN		10 IU/g
TAMC		1000 CFU/g
TYMC		100 CFU/g
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	

Test	Specification	
	Min	Max
APPEARANCE		
EXPIRATION DATE		
MANUFACTURE DATE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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