



## Specification for Benzalkonium Chloride Solution, 50 Percent, NF (B1068)

Item Number	B1068
Item	Benzalkonium Chloride Solution, 50 Percent, NF
CAS Number	
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (w/v)	47.5	52.5 %
AVERAGE MOLECULAR WEIGHT		AS REPORTED
RATIO OF ALKYL COMPONENTS:		
C12	40.0 %	
C14	20.0 %	
C12 + C14	70.0 %	
C16	AS REPORTED	
LIMITS OF AMINES AND AMINE SALTS		0.1 mmol/g
ACIDITY OR ALKALINITY		0.5 ml
ALCOHOL CONTENT (v/v)		AS REPORTED
BENZYL ALCOHOL		0.5 %
BENZALDEHYDE		0.15 %
(CHLOROMETHYL)BENZENE		0.05 %
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION A	WHITE PRECIPITATE FORMS DISSOLVES	
IDENTIFICATION B	POSITIVE FOR CHLORIDE	
IDENTIFICATION C	ORANGE-RED COLOR PRODUCED	
IDENTIFICATION D	RETENTION TIME CORRESPONDS TO STANDARD	
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		

Test	Specification	
	Min	Max
RESIDUAL SOLVENTS		AS REPORTED
MONOGRAPH EDITION		

***Spectrum Chemical Mfg Corp***

---

<b><i>Corporate Headquarters:</i></b>	<b><i>West Coast Facility:</i></b>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000