

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		
RESIDUAL SOLVENTS		AS REPORTED
MONOGRAPH EDITION		

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