

Item Number	E1068
Item	Dehydrated Alcohol, 200 Proof, USP, EP, BP, JP
CAS Number	64-17-5
Molecular Formula	C ₂ H ₅ OH
Molecular Weight	46.07
MDL Number	
Synonyms	Ethanol ; Ethyl Alcohol ; Anhydrous Ethanol ; Grain Derived Alcohol

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (USP)	99.5 %	
ASSAY (EP/BP)	99.5 %	
ASSAY (JP)	99.5 %	
RELATIVE DENSITY (EP/BP)	0.790	0.793
SPECIFIC GRAVITY (JP)	0.79422	0.79679
SPECIFIC GRAVITY (USP)		0.7962
LIMIT OF NONVOLATILE RESIDUE (USP/EP/BP/JP)		2.5 mg
ORGANIC IMPURITIES (USP/EP/BP/JP):		
METHANOL		200 ?L/L
ACETALDEHYDE AND ACETAL		10 ?L/L
BENZENE		2 ?L/L
SUM OF ALL OTHER IMPURITIES		300 ?L/L
ULTRAVIOLET ABSORPTION (USP/EP/BP/JP):		
240 nm		0.40
250 nm – 260 nm		0.30
270 nm – 340 nm		0.10
CURVE	THE SPECTRUM SHOWS A STEADILY DESCENDING CURVE WITH NO OBSERVABLE PEAKS OR SHOULDERS	
CLARITY OF SOLUTION (USP)	SAME CLARITY AS WATER, OR OPALESCENCE IS NOT MORE THAN REFERENCE SOLUTION	

Test	Specification	
	Min	Max
ACIDITY OR ALKALINITY (USP/EP/BP/JP)		30 ?g/g
COLOR OF SOLUTION (USP)	SOLUTION HAS SAME APPEARANCE OF WATER, OR IS NOT MORE INTENSELY COLORED THAN STANDARD SOLUTION	
APPEARANCE (EP/BP/JP)	CLEAR AND COLORLESS	
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A (USP A)		0.7962
IDENTIFICATION B (USP B)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION C (USP C)		200 ?L/L
IDENTIFICATION D (EP/BP A)	0.790	0.793
IDENTIFICATION E (EP/BP B)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION F (EP/BP C)	BLUE COLOR APPEARS, THEN BECOMES PALER	
IDENTIFICATION G (EP/BP D)	YELLOW PRECIPITATE FORMS	
IDENTIFICATION H (JP)	SPECTRUM MATCHES REFERENCE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
MONOGRAPH EDITION.		
RESIDUAL SOLVENTS	AS REPORTED	

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