

Item Number	ET108
Item	Alcohol, 190 Proof, USP
CAS Number	64-17-5
Molecular Formula	C ₂ H ₅ OH
Molecular Weight	46.07
MDL Number	
Synonyms	Grain Derived Alcohol ; Ethanol

Test	Specification	
	Min	Max
ASSAY (by VOLUME)	94.9	96.0 %
CLARITY OF SOLUTION	NO MORE OPALESCENCE THAN STANDARD	
COLOR OF SOLUTION	NOT MORE THAN STANDARD	
SPECIFIC GRAVITY @ 15.56°C	0.812	0.816
ACIDITY OR ALKALINITY	SOLUTION IS COLORLESS THAN PINK	
ULTRAVIOLET ABSORPTION :		
240 nm		0.40
250 - 260 nm		0.30
270 - 340 nm		0.10
NONVOLATILE RESIDUE		2.5 mg
ELEMENTAL IMPURITIES	AS REPORTED	
ORGANIC IMPURITIES:		
METHANOL		200 µL/L
ACETALDEHYDE AND ACETAL		10 µL/L
BENZENE		2 µL/L
SUM OF ALL OTHER IMPURITIES		300 µL/L
IDENTIFICATION (A)	0.812	0.816
IDENTIFICATION (B)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (C) LIMIT OF METHANOL		200 µL/L
CERTIFIED KOSHER		
APPEARANCE		
EXPIRATION DATE		

Test	Specification	
	Min	Max
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED
CLASS 3 (solvent) / 1-PROPANOL	.	
CLASS 3 (solvent) / 2-PROPANOL	.	
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

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