

Item Number	ET108	Lot Number	3FJ0044
Item	Alcohol, 190 Proof, USP		
CAS Number	64-17-5		
Molecular Formula	C ₂ H ₅ OH	Molecular Weight	46.07

TEST	SPECIFICATION		RESULT
	MIN	MAX	
ASSAY (by VOLUME)	94.9 - 96.0 %		95.02%
CLARITY OF SOLUTION	TO PASS TEST		PASSES TEST
COLOR OF SOLUTION	TO PASS TEST		PASSES TEST
SPECIFIC GRAVITY @ 15.56°C	0.812- 0.816		0.8158
ACIDITY OR ALKALINITY	TO PASS TEST		PASSES TEST
ULTRAVIOLET ABSORPTION	TO PASS TEST		PASSES TEST
ORGANIC IMPURITIES	TO PASS TEST		PASSES TEST
NONVOLATILE RESIDUE	TO PASS TEST		PASSES TEST
IDENTIFICATION	TO PASS TEST		PASSES TEST
RESIDUAL SOLVENTS	TO PASS TEST		
CLASS 2, METHANOL		3000PPM	<3000PPM
CLASS 3, 1-PROPANOL		5000PPM	<5000PPM
CLASS 3, 2-PROPANOL		5000PPM	<5000PPM
APPEARANCE			CLEAR,COLORLESS LIQUID
EXPIRATION DATE			31-AUG-2021
MANUFACTURE DATE			10-AUG-2016

RESIDUAL SOLVENTS: USP, Chapter <467> limits the residual solvent content of a drug product to the permitted daily exposure (PDE) level given in that chapter. This Spectrum Certificate of Analysis reports any residual solvents that are likely to be present in the material as a result of manufacturing and/or processing. Residual solvents of Class 1 are identified and quantified when present in the material. Residual solvents of Class 2 or Class 3 are identified and the maximum limit is reported unless Class 2 solvents are present at levels greater than Option 1 limits or Class 3 solvents are present at levels greater than 0.5%. It is the responsibility of the producer of a finished dosage form to ensure that the aggregate residual solvent content meets applicable requirements set forth in USP, Chapter <467>.



Phil Xiao
Director, Quality Control


Spectrum China Ltd.
A Div of Spectrum Chemical Mfg Corp

Bldg A20, Lane 3802, Shen Gang Road, Song Jiang District, Shanghai, P.R.China, 201611
(021)67601398