

<b>Item Number</b>	ET107	<b>Lot Number</b>	3FJ0043
<b>Item</b>	Dehydrated Alcohol, 200 Proof, Undenatured, USP		
<b>CAS Number</b>	64-17-5		
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>5</sub> OH	<b>Molecular Weight</b>	46.07

TEST	SPECIFICATION		RESULT
	MIN	MAX	
ASSAY (by VOLUME)	99.5%		99.98%
CLARITY OF SOLUTION	TO PASS TEST		PASSES TEST
COLOR OF SOLUTION	TO PASS TEST		PASSES TEST
ACIDITY OR ALKALINITY	TO PASS TEST		PASSES TEST
SPECIFIC GRAVITY @ 15.56 °C		0.7962	0.7937
UV 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			
CLASS 2, METHANOL		3000PPM	<3000PPM
CLASS 3,1-PROPANOL		5000PPM	<5000PPM
CLASS 3,2-PROPANOL		5000PPM	<5000PPM
APPEARANCE			CLEAR COLORLESS LIQUID
RETEST DATE			31-AUG-2019
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*

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