

PRODUCT SPECIFICATION

Printed: 2/10/2014

Page 1 of 1

Catalog : G1015

Glycerin, Synthetic, USP, EP, BP, JP

CAS# : 56-81-5

Formula : C3H8O3

Formula Weight : 92.10

Test	Limit	
	Min.	Max.
ASSAY (ANHYDROUS BASIS)	99.0 - 101.0%	
SPECIFIC GRAVITY @ 25[dC	1.249	--
SPECIFIC GRAVITY @ 20[dC	1.258	--
APPEARANCE OF SOLUTION	TO PASS TEST	
REFRACTIVE INDEX	1.470 - 1.475	
ALDEHYDES	--	10 PPM
COLOR	TO PASS TEST	
RESIDUE ON IGNITION (SULPHATED ASH)	--	0.01%
CHLORIDE (Cl)	--	0.001%
SULFATE (SO ₄)	--	0.002%
HEAVY METALS (as Pb)	--	5 ug/g
CHLORINATED COMPOUNDS (HALOGENATED COMPOUNDS as Cl)	--	30 PPM
WATER	--	2.0%
FATTY ACIDS AND ESTERS	TO PASS TEST	
RELATED COMPOUNDS (USP)	TO PASS TEST	
IMPURITY A AND RELATED SUBSTANCES	TO PASS TEST	
ACIDITY OR ALKALINITY	TO PASS TEST	
SUGARS	TO PASS TEST	
AMMONIUM (NH ₄)	TO PASS TEST	
CALCIUM (Ca)	TO PASS TEST	
ARSENIC (As)	--	2 PPM
ACROLEIN, GLUCOSE OR OTHER REDUCING SUBSTANCES	TO PASS TEST	
READILY CARBONIZABLE SUBSTANCES	TO PASS TEST	
ESTERS	TO PASS TEST	
IDENTIFICATION	TO PASS TEST	
IDENTIFICATION: A (USP)	TO PASS TEST	
IDENTIFICATION: B (USP)	TO PASS TEST	
IDENTIFICATION: C (USP)	TO PASS TEST	
CERTIFIED KOSHER		
EXPIRATION DATE		
RESIDUAL SOLVENTS	TO PASS TEST	