

QUALITY CONTROL DEPARTMENT

ORDER NUMBER

SPECIFICATION SHEET



PRODUCT
Glycerine 99.5% U.S.P. 169240 -0020

SPECIFICATION	SPECIFICATION VERSION	SPECIFICATION DATE
03610/GJ/GJ	2.9000	01/01/2008

PRODUCT SPECIFICATION			
TEST	TEST ID	UNITS	REQUIREMENTS
Date Heading	Date Heading		Use By Date, Expiration Date, Retest Date, None
Appearance (c)	L-460		Clear
USP851 Identity IR Spectra	L-200		Conforms
USP841 Sp. Gravity 25C (n)	L-195		1.249 =< Value =< 1.265
USP921 Water (n)	L-1021	% wt.	0 =< Value =< 5 % wt.
USP Method-621 Chromatography	L 185	% wt.	99.5 =< Value =< 101 % wt.
Color (n)	L-020	APHA	0 =< Value =< 10 APHA
USP Residue on Ignition	L-1201		Pass
USP Method 221 Chloride (n)	L-1000	ppm	0 =< Value =< 10 ppm
Sulfate Content (n)	L-1010	ppm	0 =< Value =< 20 ppm
USP231 Heavy Metal (n)	L-1040	ppm	0 =< Value =< 5 ppm
Chlorinated Compound (CL) (c)	L-1001		0.003% wt.max.
USP Method 467 OVI (c)	L-1050		Pass
USP Free Fatty Acids & Esters	L-1131		Pass
USP Lim.of DEG & related comp.	L-1210		Pass
USP211 Arsenic (n)	L-1030	ppm	0 =< Value =< 1.5 ppm
USPMethod 467Residual Solvents	L-1051		Pass
Country Of Origin	COUNTRY		
Manufacture Name	MFG NAME		
Shelf Life	SHELF LIFE		

REMARKS
All test methods conform to USP31/NF26 requirements.

DOT MARKINGS

UN CODE	PACKAGING GROUP	CAS NUMBER
		56-81-5

DOT NAME

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CONTAINS

HAZARD TEXT

Important

The information on the sheet is believed to be accurate but is not warranted to be so. Protective equipment, health effects, and other related safety measures are based on intended and anticipated product use. Recipients are advised to confirm in advance of need that the information is applicable and suitable to their circumstances.