



Rierden Chemical & Trading Company

GLOBAL RESOURCES • LOCAL SOLUTIONS

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115 W. Church Street

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Glycerine 99.7 USP

CAS Number 56-81-5

Specification

Test	Specification
Assay, wt %	99.7 min
Specific Gravity, 25 °C	1.2612 min
Assay, wt % anhydrous basis	99.0 – 101.0
Water, wt %	0.3 max
Color, APHA	10 max
Residue on Ignition	0.01 max
Chlorides, ppm	10 max
Sulfates, ppm	20 max
Heavy Metals, ppm	5 max
Chlorinated Compounds, ppm	30 max
Fatty Acids & Esters, ml of 0.5 N NaOH	1.0 max
Identification A, Infrared Absorption	Pass
Identification B, Limits of Ethylene Glycol, wt %	0.1 max
Identification B, Limits of Diethylene Glycol, wt %	0.1 max
Identification C, Confirmation of Glycerine by GC	Pass
Related Compounds – Individual Impurities, wt %	0.1 max
Related Compounds – Total Impurities	1.0 max