

PRODUCT SPECIFICATIONS

Product Name: Refined Glycerin 99.7% Non-Vegetable Grade

Product Code: TRG100

Chemical Name: Glycerol

Meets USP-NF (US Pharmacopeia-National Formulary) and FCC (Food Chemical Codex) specifications

<u>Properties</u>	<u>Specifications</u>	<u>Methods</u>
Color	Pass (APHA equivalent 20 max)	USP/NF*
Identification A, IR	Passes test as glycerin	USP #197F
Identification B, Limit of DEG & EG	Pass	USP/NF*
Identification C, GC	Passes test as glycerin	USP/NF*
Specific Gravity (SG)	1.2613 @25/25°C min	USP #841
% Glycerin, by calculation from SpGrav	99.7 min	TRAM-108
Residue on Ignition (ROI)	0.01% max	USP #281
Water	0.3% max	USP #1-921
Chloride	Pass (10ppm or 0.001% max)	USP #221
Sulfate	Pass (20ppm or 0.002% max)	USP #221
Elemental Impurities	Meets Oral PDE Limits	USP #232 & 233
Limit of Chlorinated Compds.	PASS (30ppm or 0.003% max)	USP/NF*
Fatty Acids & Esters (FA & E)	not more than 1 mL of 0.5N NaOH consumed	USP/NF*
Related Compounds	not more than 0.1% any other individual impurity, And not more than 1.0% for total impurities	USP/NF*
Assay, anhydrous	99.0-101.0%	USP/NF*
Residual Solvents	Pass (meets requirements)	USP* <467>

* In compliance with the latest USP/NF supplement

CAS# 56-81-5

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