

CERTIFICATE ANALYSIS

VEGETABLE GLYCERIN 99.7% USP/EP/BP

Manufacturer: North American

Product Analysis

Test	Result	Unit	Limit	References
Glycerin %	99.9	%	99.7% min	
Specific Gravity	1.262		1.259 min.	USP<841>
Water	0.1	WT%	0.3% max.	USP<921>
Color	Pass	PT-CO	10 PT-CO max.	
Appearance	Pass		Free of Susp Solids	
Identification A (IR)	Pass		Meets Test	USP<197F>
Identification B (limit of DEG & EG)	Pass		0.10% Max DEG & EG	USP<621>
Identification C (GC)	Pass		Meets Test	USP<621>
Readily Carbonizable Subs	Pass		Meets Test	USP<621>
Related Compounds	Pass		Meets Test	USP<621>
Chlorides	Pass	%	0.001% max.	
Sulfates	Pass	%	0.002% max.	
Fatty Acids & Esters	Pass		1 max. (mL 0.5N NaOH)	USP
Lead,	Pass	PPM	1 PPM max.	
Odor	Pass		Meets Test	

PRODUCT GUARANTEES:

RESULTS BELOW ARE GUARANTEED AND TESTED PERIODICALLY
 - CHLORINATED COMPOUNDS 0.003% MAX
 - RESIDUE ON IGNITION 0.01% MAX

* Data based on manufacturer's document

John

Quality Control

