

# CERTIFICATE OF ANALYSIS

Product: Vegetable Glycerin

ID: 2604173-00

Date Tested: March 15, 2019

Parameters	Unit	Test Method	Result	Specification
Glycerin Content	%	AOCS Ea 7-95	99.9	99.7 Min
Specific Gravity	25/25C	USP 41	1.2617	1.2612 Min
Colour	APHA	AMT-FGQ-G10	<10	10 Max
Identification Test A <sup>1</sup>		USP 41	Passed	Passes USP 41
Identification Test B <sup>1</sup>				
Diethylene Glycol	%	USP 41	<0.01	0.1 Max
Ethylene Glycol	%	USP 41	<0.01	0.1 Max
Identification Test C <sup>1</sup>		USP 41	Passed	Passes USP 41
Residue on Ignition	%	USP 41	<0.01	0.01 Max
Water	%	USP 41	0.07	0.3 Max
Chloride	Ppm	USP 41	<10	10 Max
Sulfate	Ppm	USP 41	<20	20 Max
Heavy Metals	Ppm	USP 39	<5	5 Max
Limit of Chlorinated Compounds	Ppm	USP 41	<30	30 Max
Fatty Acid & Esters	ml 0.5N NaOH	USP 41	0.25	1 Max
Related Compounds (Individual Impurity)	%	USP 41	<0.1	0.1 Max
Related Compounds (Total Impurities)	%	USP 41	<1	1 Max
Assay	%	USP 41	99.9	99 - 101

Certified

  
 Derek G. Hodges  
 President & CEO  
 ESSENTIAL DEPOT INC.

Batch specific CoA is available upon request only.

**IMPORTANT:** All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all the constituents of the product. Persons using this information should make their own determination regarding its suitability for their application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.