

CERTIFICATE OF ANALYSIS

Product : Vegetable Glycerin 99.7% Min - USP K Food Grade
 Manufacture Date : 24 Feb 2022
 Expiration Date : 24 Feb 2024
 Lot No. : Private Lot Available

Ingredient Supplier, LLC. certifies this Statement of Analysis is true and correct.

PARAMETERS	TEST METHODS	SPECIFICATIONS	RESULTS
Water Content, % w/w	USP 42	0.3 max	0.10
Specific Gravity @ 25 °C	USP 42	1.2612 min	1.2614
Color	AOCSEa 9-65	10 max	5
Residue on Ignition, %	USP 42	0.01 max	0.002
Chlorides, ppm	USP 42	10 max	<10
Sulfates ppm	USP 42	20 max	<20
Heavy Metals (as Pb), ppm	USP 42	5 max	<5
Limit of Chlorinated Compounds, ppm	USP 42	30 max	<30
Fatty Acid & Ester as ml of 0.5N NaOH, max	USP 42	1 max	0.23ml of 0.5N NaOH was consumed
Identification	USP 42		
- A (Infrared Spectroscopy <197F>		Pass	Passed
- B (Limit of diethylene glycol & ethylene glycol)			
- Diethylene glycol, %		0.10 max	<0.10
- Ethylene glycol, %		0.10 max	<0.10
- C (RT of glycerin's peak)		Meet test requirement	Meet test requirement
Related Compounds	USP 42		
- Individual impurities (excluding any solvent peak and diethylene glycol), %		0.1 max	All the individual impurities are less than 0.1
- Total Impurities, %		1.0 max	<1.0

INGREDIENT SUPPLIER

.com

- Glycerol, %	USP 42	99.7 min	99.80
Water Content, % w/w	USP 42	0.3 max	0.10
Specific Gravity @ 25 °C	USP 42	1.2612 min	1.2614
Color	AOCSEa 9-65	10 max	5

*** Sample Spec COA**

Signed by Chris Hill
Quality