

# CERTIFICATE OF ANALYSIS



Univar Solutions  
10889 Bekay Street  
Dallas, TX 75238-5322  
800-765-7300  
www.univarsolutions.com

DATE: 11/14/2022

MANUFACTURER: Apical

PRODUCT: GLYCERIN

MANUFACTURE DATE: 4/26/2022

PRODUCT GRADE: USP

MANUFACTURER LOT: 2204BBL004RG997U2A

MANUFACTURE SITE: Braithewaite, Louisiana

UNIVAR SOLUTIONS PRODUCT CODE: 16185298

UNIVAR SOLUTIONS LOT: 0002978835

<u>TEST</u>	<u>RESULTS</u>	<u>SPECIFICATIONS</u>
VISUAL	PASS	CLEAR/CLEAN FREE OF SUSPENDED PARTICLES
ODOR	ODORLESS	ODORLESS
COLOR	PASS	COLORLESS
WATER CONTENT %	0.685	USP NMT 5.0%*
SPECIFIC GRAVITY AT 25°C	1.2614	NLT 1.2490
IDENTIFICATION A IR	PASS	IDENTIFIED AS GLYCERIN
IDENTIFICATION B LIMIT % DEG EG	PASS PASS	MAX 0.1 MAX 0.1
IDENTIFICATION C	PASS	RETENTION IS EQUAL FOR SAMPLE STANDARD

Univar Solutions

*Denetria Hall*

Denetria Hall  
Laboratory Technician

<b>C OF A</b>
REVIEWED BY <u><i>[Signature]</i></u>
DATE <u>11/14/22</u>

**NOTE:** \*Customer water specification may be below 5.0% water.

Univar Solutions uses dedicated equipment in the process area for this product where solvents are present.  
Univar Solutions packaged this material to maintain USP/FCC designation only.

Please consult the SDS for further information.

Univar Solutions represents only that the Product shall meet the specifications herein. All transactions involving this Product are subject to Univar Solutions' standard Terms and Conditions, available at [www.univarsolutions.com](http://www.univarsolutions.com) or upon request. Univar Solutions makes no additional representations or warranties, express or implied, as to the Product.

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