

Certificate of Analysis

Product Name: Glycerin(USP grade)

Batch:20260420

Production date: April 20,2026

Expiry Date: April 19,2028

No.	Item	Method of Analysis	Specification	Result
1	Appearance		Clear and Transparent	pass
2	Glycerin Content(% wt)	USP	99.7 min	99.9
3	Color,(Pt-Co)	USP	10 max	4
4	Specific Gravity,(25 °C/25 °C)	USP43	1.2607 min	1.2620
5	Fatty Acid&Esters,(ml,0.5N NaOH)	USP43	1.0 max	0.27
6	Water Content(% wt)	USP43	0.5 max	0.07
7	Chloride,(ppm)	USP43	10 max	<10
8	Sulphate,(ppm)	USP43	20 max	<20
9	Residue on Ignition,(% wt)	USP43	0.01max	<0.01
10	Limit of chlorinated compounds ,(ppm)	USP43	30 max	<30
11	Identification			
	-A(IR)	USP43	PASS	PASS
	-B(Diethylene Glycol and Ethylene Glycol)			
	-Diethylene Glycol,(%)	USP43	0.1 max	<0.1
12	-Ethylene Glycol,(%)	USP43	0.1 max	<0.1
	Related Compounds(Organic impurity)			
	-Induvidual Impurity,(%)	USP43	0.1max	<0.1
	-Total Impurity,(%)	USP43	1 max	<1

