



CERTIFICATE OF ANALYSIS

Alliance Chemical

Product Information

Product Name: Glycerin USP Grade
Grade: USP Grade
Category: Glycerin & Food/FCC Organics (H)
Certificate Number: TYP-GLYCERINUSPG

Lot Information

Lot: TYPICAL SAMPLE

Test Date: 2026-05-18

Test Results

Parameter	Specification	Units	Test Method	Result
Assay	99.5 - 101	%	GC or density	99.80% PASS
Water	0 - 0.5	%	Karl Fischer	0.15% PASS
Chloride	0 - 10	ppm	Ion chromatography	6 ppm PASS
Sulfate	0 - 20	ppm	Ion chromatography	6 ppm PASS
Residue	0 - 0.01	%	Ignition	0.00% PASS
Heavy Metals	0 - 5	ppm	ICP	1.50 ppm PASS
Specific Gravity	1.261 - 1.263	g/mL	Hydrometer @ 25°C	1.2600 FAIL
Color	0 - 10	APHA	APHA	6 PASS
Appearance			Visual Inspection	— PASS
Arsenic	<= 1.5	ppm	Per specification	0.45 ppm PASS

This Certificate of Analysis confirms that the above lot of material meets the specifications as stated. Test results are based on representative samples and typical analytical methods. This document is computer-generated and valid without signature.