

**Certificate of Analysis**

**Certificate No** : 40000265579  
**Product** : GLYCERINE USP 99.5 MIN (FOR FOOD ADDITIVE USE)

**Batch No** : BGSXFAA380  
**SO No** : 80828 :10  
**Customer PO No** : FA-18139S  
**Sample Type** : DRUMS  
**Samplin Procedure** : WI-QC-003/WI-QC-005/WI-QC-022

**ANALYSIS RESULTS**

Test Parameters	Test Result	Specifications	Unit	Test Method
Water Content	0.02	0.50 Max	%	USP 31 (Method 921-1a)
Arsenic (As)	< 1.5	1.5 Max	ppm	#ICP
Heavy Metals	< 5	5 Max	ppm	#USP 31 (Method 231)
Colour	5.0	5.0 Max	APHA	In-house Method based on ASTM D1209-93
Fatty Acids & Esters (0.5N NaOH)	0.32	1.00 Max	ml	USP 31
Specific Gravity @25°C	1.2614	1.2606 Min		#USP 31 (Method 841)
Assay	99.80	99.50 Min	%	USP 31
Chloride	< 10	10 Max	ppm	USP 31 (Method 221)
Limit of Chlorinated Compounds	< 30	30 Max	ppm	USP 31
Residual Solvent	Pass	Pass		USP 31
Residue On Ignition	0.0016	0.0100 Max	%	#USP 31 (Method 281)

This COA shall not be re-produced except in full, without written approval from Laboratory.

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QUALITY CONTROL MANAGER