



Certificate of Analysis

Client Information

MIT45. Inc
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Sample Information

Sample ID: 798321
Date Received: 2/14/2025
Description: Item# 00061 Vegetable Glycerin
Lot#: BGPXWC3542

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile Pseudomonas</u>	USP <2021>, USP <2022>, AOAC 991.14, USP <62>					1
Total Plate Count	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	10	Record Only	None Detected	cfu's/g	1
<u>FTIR Package</u>	ARL 8.012					1
Appearance	ARL 2.003		Record Only	Liquid		1
Color	ARL 2.003		Record Only	Clear		1
Odor	ARL 2.003		Record Only	Neutral		1
FT-IR Analysis	ARL 8.012	0.1	> 95	95.3	%	1
Diethylene Glycol	USP GC-FID	0.1	Record Only	< 0.1	%	1



Results

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†Method Detection Limit (MDL):

In microbiologic testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

†Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO/IEC 17025:2017 methods are available upon request. Certificate and scope are also available upon request.

