



Microplastics Certificate of Analysis

Results of Analysis by Agilent 8700 LDIR

Client: Light Labs
Sample ID: Blank
Sample Description: N/A
Lot: N/A
Date Received: 4/13/2026
Workorder Number: 1767094
 Order: 7449(4800)

Analysis Date: 4/20/2026
Report Date: 4/27/2026
Authorized By: TJB

Microplastic Identity	Abbreviation	Result (MPs/gram)	Average Diameter (µm)
Acrylates	-	0	0.0
Acrylonitrile Butadiene Styrene	ABS	0	0.0
Alkyd Varnish	-	0	0.0
Ethylene Vinyl Acetate	EVA	0	0.0
Polyacetal	-	0	0.0
Polylactic Acid	PLA	0	0.0
Polyamide (Synthetic)	PA	1	15.5
Polybutadiene	BR	0	0.0
Polycaprolactone	PCL	0	0.0
Polycarbonate	PCL	0	0.0
Polyether	-	0	0.0
Polyethylene	PE	3	40.4
Polyethylene Chlorinated	PE-Cl	0	0.0
Polyethylene Terephthalate	PET	0	0.0
Polyimide	PI	0	0.0
Polyisoprene Chlorinated	-	0	0.0
Polymethyl Methacrylate	PMMA	0	0.0
Polyoxymethylene	POM	0	0.0
Polypropylene	PP	0	0.0
Polystyrene	PS	0	0.0
Polysulfone	PSU	0	0.0
Polytetrafluoroethylene	PTFE	0	0.0
Polyurethane	PU	0	0.0
Polyvinyl Alcohol	PVA	0	0.0
Polyvinyl Chloride	PVC	0	0.0
Rubber	-	1	30.4
Silicone	-	0	0.0

Total Microplastic Particles: 5 MPs/gram
Size Range: 15-500 µm (All particles are assumed to be spherical)

Unit: MPs (Microplastic Particles)

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