

Laboratory Report

AURELIA LABS

Sample

Type: Estradiol enanthate suspension
Appearance: Clear
Carrier: MCT Oil
Visual inspection: **OK**

Laboratory

Sample date: 05-09-2025
Lot number: 047-3
Analysis completed: 05-20-2025
Passes: **All tests**

Total calculated pm	Particles $\geq 10\mu\text{m}$	Particles $\geq 25\mu\text{m}$	Microplastics	Organic pm
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Particle count

Slide 1 (Ref ID: mctef8)	0/mL	0	0	0	0
Slide 2 (Ref ID: mctef9)	0/mL	0	0	0	0
Slide 3 (Ref ID: mctef10)	0/mL	0	0	0	0

USP Limit		19	1		
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Notes

Hemocytometer was used. Solution exceeds USP standard for IM/SC injectables with 99.999% confidence

Incubation period	Organism(s) present	Count	Media
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Cell culture

Plate 1 (Ref ID: GBB2)	168 hrs, 32°C	None	-	Agar w/ LME
Plate 2 (Ref ID: GBB3)	168 hrs, 32°C	None	-	Agar w/ LME

Material	Size, type	Volume	Particles $\geq 10\mu\text{m}$	Particles $\geq 25\mu\text{m}$	Method
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Filter analysis

Filter 1	PTFE	50mm, 0.45um membrane	3mL	1	0	USP <788>
USP Limit			1mL	3,000	300	USP <788>

Notes

Solution exceeds USP standard for IM/SC injectables