

# Aldevron 195575B - Certificate of Analysis Lot 195575B



**Classification:** Custom Research Grade mRNA  
Construct

11/03/2025  
Date of Manufacture

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Fargo, ND 58103, USA

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**\*NOT FOR USE IN HUMANS\***

Client:	Construct Name:	Lot Number:
Demeetra AgBio	T7-SPB100, mRNA	195575B

Final Buffer:	
Water	

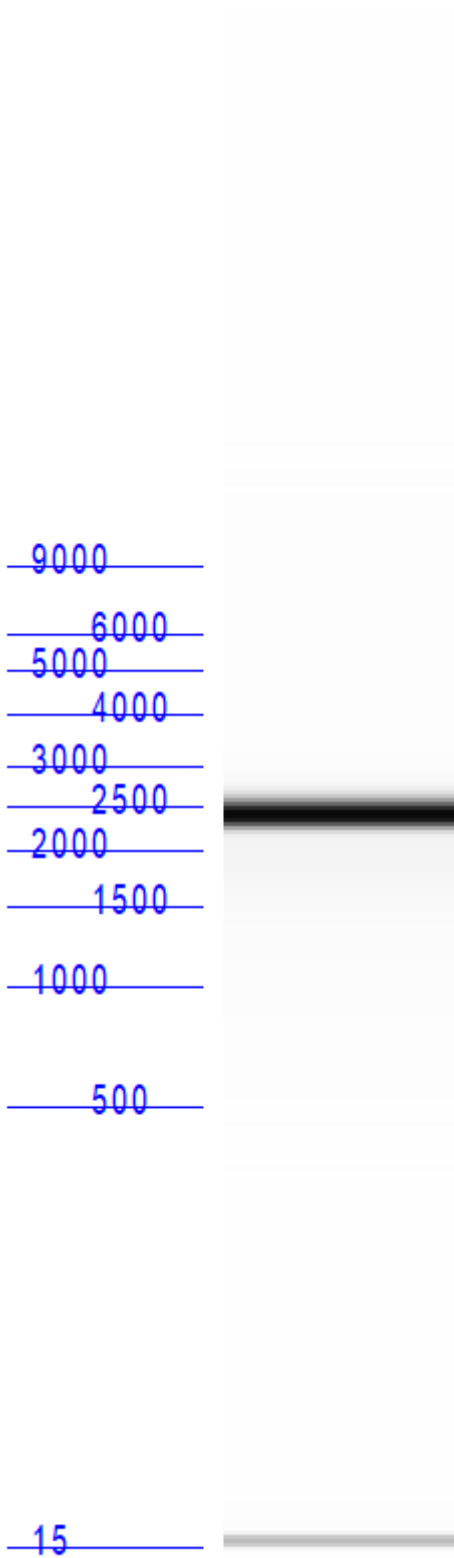
	Method	Specifications	Results	Tested By	Date
<b>Appearance</b>	Visual Inspection	Clear and colorless	Pass	CRK	10/31/2025
<b>Bioburden</b>	Plate final product on media containing no antibiotics	No growth in 48 hours at 37 +/- 2 C	Pass	FNG	11/03/2025
<b>Concentration, RNA</b>	SoloVPE Slope Spectroscopy	0.90 - 1.10mg/mL Quant	Pass 0.98 mg/mL	DRF	10/30/2025
<b>Endotoxin</b>	Kinetic Chromogenic LAL	<=100.00 EU/mg Quant	Pass < 2.00 EU/mg. Below Quantitation Level	GWM	10/31/2025
<b>Identity, mRNA</b>	Capillary Gel Electrophoresis	Size confirmed against an RNA ladder	Pass	DRF	10/31/2025
<b>Mycoplasma Contamination</b>	Quantitative PCR	Negative for the presence of Mycoplasma	Pass	MiPr	10/31/2025
<b>pH Analysis</b>	Potentiometry via pH Meter	Report result Quant Quant	Pass 6.25	GWM	10/31/2025
<b>Purity, mRNA</b>	Capillary Gel Electrophoresis	Report Only Advanced	Pass 78.0 %	DRF	10/31/2025
<b>Residual Host Protein</b>	NanoOrange	<=2.00 % Quant	Pass < 0.51 %. Below Quantitation Level	DRF	10/31/2025
<b>Residual Plasmid DNA (mRNA)</b>	Quantitative PCR	Report Results Quant Quant	Pass 378.17 Copies/uL	RoAr	10/31/2025

**Dispensing:**

Vials  
Vial Type: 2.0 mL  
Amount in Vials: 0.025 mL  
# of Vials: 1769  
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Concentration: 0.98

Total mg: 43.34  
Total Number of Vials: 1769

**Comments:**



Quantity of material loaded was 100 ng unless otherwise specified.

Left To Right: Frag A Extended mRNA Ladder, Lot 195575B Frag A

Frag A