

Aldevron 179629B - Certificate of Analysis Lot 179629B

Classification: Custom Research Grade Plasmid

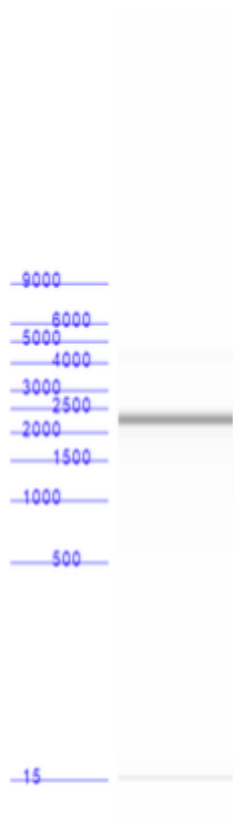
08/20/2024
Date of Manufacture3001 University Drive S
Fargo, ND 58103, USAFAX: 1 (701) 499-7298
DNA@aldevron.comPhone: 1 (701) 297-9256
Toll-free: 1 (877) PURE-DNA***NOT FOR USE IN HUMANS***

Client:	Construct Name:	Lot Number:
Demeetra AgBio	Demeetra Harbor-IN, mRNA	179629B

Final Buffer:
Water

	Method	Specifications	Results	Tested By	Date
Appearance	Visual Inspection	Clear and colorless	Pass	BWL	08/22/2024
Bioburden	Plate final product on media containing no antibiotics	No growth in 48 hours at 37 +/- 2 C	Pass	EAS	08/26/2024
Concentration, RNA	SoloVPE Slope Spectroscopy	0.90 - 1.10mg/mL Quant	Pass 1.04 mg/mL	SR	08/22/2024
Endotoxin	Kinetic Chromogenic LAL	<=100.00 EU/mg Quant	Pass < 2.00 EU/mg. Below Quantitation Level	FNG	08/22/2024
Identity, mRNA	Capillary Gel Electrophoresis	Size confirmed against an RNA ladder	Pass	SR	09/10/2024
pH Analysis	Potentiometry via pH Meter	Report result Quant Quant	Pass 5.93	FNG	08/22/2024
Purity, mRNA	Capillary Gel Electrophoresis	Report Only Advanced	Pass 67.00 %	SR	09/10/2024
Residual Host Protein	NanoOrange	<=2.000 % Quant	Pass 0.919 %	BWL	08/22/2024
Residual Plasmid DNA (mRNA)	Quantitative PCR	Report Results Quant Quant	Pass 165.27 Copies/uL	SR	08/22/2024

Comments:



Quantity of material loaded was 100 ng unless otherwise specified.

Left To Right: Frag A Extended mRNA Ladder, Lot 179629B Frag A

Frag A