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# PVC Film

## Certificate of Analysis (COA)

This is the batch-specific document that proves our shipment meets the specifications from the TDS above.

ADAMS PLASTICS L.P.

### Certificate of Analysis

	☰	☰
1	Product Name:	Flexible Polyvinyl Chloride Film, Pharmaceutical Grade
2	Grade Code:	KGC030, Blue Tint
3	Purchase Order No.:	PO-25-0112
4	Lot Number:	AD-PVC-2025-01-45B
5	Manufacturing Date:	15-Jan-2025
6	Expiry Date:	Jan-2028
7	Quantity Shipped:	1 Roll (3500 meters)

	☰ TEST	☰ SPECIFICATION	☰ RESULTS	☰ METHOD
1	APPEARANCE	Transparent film with a uniform light blue tint, free from gels, fisheyes, and foreign particles.	Complies	Visual Inspection
2	IDENTIFICATION (FTIR)	Conforms to the reference spectrum of Polyvinyl Chloride.	Conforms	In-house FTIR-01
3	THICKNESS	250 µm ± 10% (225 µm - 275 µm)	252 µm	ASTM D6988
4	WIDTH	150.0 mm ± 1.0 mm	150.1 mm	In-house CAL-05
5	TENSILE STRENGTH (MD)	≥ 40 MPa	45 MPa	ASTM D882
6	WATER VAPOR TRANSMISSION RATE (WVTR)	≤ 3.1 g/m <sup>2</sup> /day	2.8 g/m <sup>2</sup> /day	ASTM F1249
7	RESIDUAL VINYL CHLORIDE MONOMER	Not More Than 1 ppm	< 1 ppm	In-house GC-02
8	HEAVY METALS	Complies with USP <661>	Complies	USP <232>

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**Additional Information:**

- The product has been tested by the Quality Control Laboratory of Adams Plastics L.P. and conforms to the above specifications.
- This material is compliant with FDA 21 CFR for food and drug contact.

**QC Manager:**

- **Name:** David Miller
- **Signature:** *David Miller*
- **Date:** 20-Jan-2025