

## Certificate of Analysis

Date of Testing: 2023-12-20 11:14:46  
Date of Next Testing: 2026-12-19 11:14:46  
Product Name: **Polyvinylformal**  
CAS Number: 63450-15-7  
Specifications & Purity: Type E, viscosity 29.7-51.2mPa.s  
Lot #: B2108115  
SKU #: **P304228**  
**Analysis:** **306726**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Molecular Weight	95000-134000	100000.00
Density (20°C)	1.053-1.058	1.05
Vinyl Acetate	9.5-13 (%)	11.03%
Vinyl alcohol	5-6.5 (%)	6.05%
Vinyl formal	80-100 (%)	81.66%
Volatile matter	0-3 (%)	1.20%
Appearance (P304228Color)	White to Light yellow to Light orange	White to Light yellow to Light orange
Appearance (P304228Form)	Solid	Powder
Viscosity(29.7-51.2mPa.s)	pass	Viscosity,29.7-51.2mPa.s



John Su  
QA & QC Manager