

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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 #: B2108113
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