

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-11 09:22:35  
Date of Next Testing: 2026-06-01 09:22:35  
Product Name: **Butvar® B-76**Polyvinyl butyral  
CAS Number: 63148-65-2  
Specifications & Purity: M.W.90,000-120,000  
Lot #: F2404372  
SKU #: **P105916**  
Version: **0**  
Analysis #: **326394**  
Storage Temperature: Desiccated

| Parameter  | Limit Values | Result       |
|--|--------------|--------------|
| Volatile matter                                  | 0-5 (%)      | 2.80 %       |
| Butyral Content(Polyvinyl Butyral)               | 83-93 (%)    | 88.00 %      |
| Solution Viscosity(5% solids in ethanol,25°C)    | 18-28 (cP)   | 19.10 cP     |
| Acetate Content, ( Polyvinyl Acetate)            | 0-2 (%)      | 1.10 %       |
| Molecular Weight* (MW)                           | 90000-120000 | 100000.00    |
| Glass Transition Temperature (Tg)                | 62-72 (°C)   | 65.00 °C     |
| Hydroxyl Content(Expressed as Polyvinyl Alcohol) | 11-13 (%)    | 12.80 %      |
| Appearance (P105916)                             | White powder | White powder |



John Su  
QA & QC Manager