

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-19 10:52:47
Date of Next Testing: 2024-08-08 10:52:47
Product Name: **Butvar® B-98 Polyvinyl butyral**
CAS Number: 63148-65-2
Specifications & Purity: M.W.40,000-70,000
Lot #: H2212509
SKU #: **P105915**
Analysis: 092321
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Hydroxyl Content(Expressed as Polyvinyl Alcohol) | 18-20 (%) | 19.30 % |
| Solution Viscosity(6% solids in methanol,20°C) | 6-9 (cP) | 6.70 cP |
| Acetate Content, (Polyvinyl Acetate) | 0-2.5 (%) | 1.90 % |
| Glass Transition Temperature (Tg) | 72-78 (°C) | 75.10 °C |
| Volatile matter | 0-5 (%) | 3.00 % |
| Molecular Weight* (MW) | 40000-70000 | 56000.00 |
| Appearance (P105915) | White to Off-White Powder | White to Off-White Powder |
| Butyral Content(Polyvinyl Butyral) | 0.8 | 0.8 |



John Su
QA & QC Manager