

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-04 18:35:30
Date of Next Testing: 2028-12-03 18:35:30
Product Name: **Butvar® B-90 Polyvinyl butyral**
CAS Number: 63148-65-2
Specifications & Purity: M.W.70,000-100,000
Lot #: L2404035
SKU #: **B501384**
Version: **1**
Analysis #: **429643**

Parameter	Limit Values	Result
Hydroxyl Content(Expressed as Polyvinyl Alcohol)	18.5-20.5 (%)	19.50%
Solution Viscosity(6% solids in methanol,20°C)	13-17 (cP)	13.70 cP
Acetate Content, (Polyvinyl Acetate)	0-2.5 (%)	1.60%
Volatile matter	0-5 (%)	2.30%
Butyral Content(Polyvinyl Butyral)	79-81 (%)	80.00%
Molecular Weight* (MW)	70000-100000	85000.00
Glass Transition Temperature (Tg)	72-78 (°C)	76.10 °C
Appearance(B501384)	White, free-flowing powder	White, free-flowing powder



John Su
QA & QC Manager