

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-26 14:46:37
Date of Next Testing: 2027-05-25 14:46:37
Product Name: **Butvar® B-90 Polyvinyl butyral**
CAS Number: 63148-65-2
Specifications & Purity: M.W.70,000-100,000
Lot #: E23181221
SKU #: **B501384**
Version: **1**
Analysis #: **220222**

Parameter	Limit Values	Result
Hydroxyl Content(Expressed as Polyvinyl Alcohol)	18.5-20.5 (%)	19.30 %
Solution Viscosity(6% solids in methanol,20°C)	13-17 (cP)	15.00 cP
Acetate Content, (Polyvinyl Acetate)	0-2.5 (%)	1.10 %
Molecular Weight* (MW)	70000-100000	80000.00
Volatile matter	0-5 (%)	2.00 %
Butyral Content(Polyvinyl Butyral)	79-81 (%)	80.00 %
Glass Transition Temperature (Tg)	72-78 (°C)	76.00 °C
Appearance(B501384)	White, free-flowing powder	White, free-flowing powder



John Su
QA & QC Manager