

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-10 01:13:15
Date of Next Testing: 2026-06-09 01:13:15
Product Name: **Cellulose acetate butyrate**
CAS Number: 9004-36-8
Specifications & Purity: butyryl content 50-54% , Mn ~30,000
Lot #: F2208460
SKU #: **C101033**
Analysis: **097290**

Parameter	Limit Values	Result
Viscosity(seconds, Falling Ball, 25°C)	0.16-0.25	0.22
Free Acidity	0-300 (ppm)	137.00 ppm
Acetyl Content	0-4 (%)	1.45 %
Loss on drying	0-3 (%)	0.74 %
Butyryl content	50-54 (%)	51.40 %
Hydroxyl Content	1.4-2.4 (%)	2.03 %
Appearance (C101033)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager