

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-23 10:44:42  
Date of Next Testing: 2026-02-22 10:44:42  
Product Name: **Cellulose acetate butyrate**  
CAS Number: 9004-36-8  
Specifications & Purity: butyryl content 50-54% , Mn ~30,000  
Lot #: D1818175  
SKU #: **C101033**  
Analysis: **076955**

Parameter	Limit Values	Result
Viscosity(seconds, Falling Ball, 25°C)	0.16-0.25	0.22
Free Acidity	0-300 (ppm)	136.00 ppm
Acetyl Content	0-4 (%)	1.46 %
Loss on drying	0-3 (%)	0.74 %
Butyryl content	50-54 (%)	51.30 %
Hydroxyl Content	1.4-2.4 (%)	2.02 %
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