

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-31 15:05:56  
Date of Next Testing: 2027-08-30 15:05:56  
Product Name: **Cellulose acetate butyrate**  
CAS Number: 9004-36-8  
Specifications & Purity: butyryl content 50-54% , Mn ~30,000  
Lot #: H2325053  
SKU #: **C101033**  
Analysis: **040359**

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	1.16 %
Viscosity(seconds, Falling Ball, 25°C)	0.16-0.25	0.22
Free Acidity	0-300 (ppm)	21.00 ppm
Acetyl Content	0-4 (%)	1.83 %
Butyryl content	50-54 (%)	52.67 %
Hydroxyl Content	1.4-2.4 (%)	1.81 %
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