

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-30 08:52:30
 Date of Next Testing: 2028-12-29 08:52:30
 Product Name: **Cellulose acetate butyrate(CAB)**
 CAS Number: 9004-36-8
 Specifications & Purity: butyryl content 50-54% , Mn ~30,000
 Lot #: L2424189
 SKU #: **C101033**
 Version: **0**
 Analysis #: **441408**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Free Acidity	0-300 (ppm)	32.96000 ppm
Loss on drying	0-3 (%)	2.86086 %
Viscosity(seconds, Falling Ball, 25°C)	0.16-0.25	0.20300
Acetyl Content	0-4 (%)	1.58000 %
Butyryl content	50-54 (%)	51.05000 %
Hydroxyl Content	1.4-2.4 (%)	2.19000 %
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