

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-15 14:30:34
 Date of Next Testing: 2029-01-14 14:30:34
 Product Name: **Cellulose acetate butyrate(CAB)**
 CAS Number: 9004-36-8
 Specifications & Purity: Butyryl group 35-40%, Mn ~30,000
 Lot #: A2607371
 SKU #: **C434466**
 Version: **1**
 Analysis #: **607692**
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Acidity as Acetic Acid	0-0.05 (%)	0.00510 %
Acetyl Content	10-16 (%)	12.80000 %
Butyryl content	35-40 (%)	38.58000 %
Hydroxyl Content	1-2 (%)	1.48000 %
Viscosity(poise)	1.5-2.3	1.90000
Ash content	< 0.05 (%)	0.04000 %
Melting point	155-165 (°C)	158.00000 °C
Molecular number	27000-33000	30000.00000
Appearance(C434466)	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