

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-26 14:38:10
 Date of Next Testing: 2027-05-25 14:38:10
 Product Name: **Cellulose acetate butyrate(CAB)**
 CAS Number: 9004-36-8
 Specifications & Purity: butyryl content 30-35%, Mn ~12,000
 Lot #: E2322460
 SKU #: **C101030**
 Version: **0**
 Analysis #: **219300**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Molecular Weight	11500-12500	12000.00000
Acetyl Content	16-19 (%)	18.03000 %
Water by Karl Fischer	0-3 (%)	0.95000 %
viscosity	0.06-0.14 (cP)	0.10600 S
Hydroxyl Content	1-1.6 (%)	1.20000 %
Free Acidity	0-300 (ppm)	87.00000 ppm
Butyryl content	30-35 (%)	33.48000 %
Appearance (C101030)	White Powder, Crystals, Fibers, Flakes, or Solid	White Powder, Crystals, Fibers, Flakes, or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager