



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-23 10:57:43

Date of Next Testing: 2026-03-22 10:57:43

Product Name: **Cellulose acetate butyrate(CAB)**

CAS Number: 9004-36-8

Specifications & Purity: butyryl content 30-35%, Mn ~12,000

Lot #: C2222164

SKU #: **C101030**

Version: **0**

Analysis #: **074135**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Molecular Weight	11500-12500	12000.00000
Acetyl Content	16-19 (%)	18.07000 %
Water by Karl Fischer	0-3 (%)	0.15000 %
viscosity	0.06-0.14 (cP)	0.12100 S
Hydroxyl Content	1-1.6 (%)	1.23000 %
Free Acidity	0-300 (ppm)	60.00000 ppm
Butyryl content	30-35 (%)	33.37000 %
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