

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-13 15:46:50  
Date of Next Testing: 2025-04-12 15:46:50  
Product Name: **Butyl Cyanoacetate**  
CAS Number: 5459-58-5  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2129122  
SKU #: **B133488**  
**Analysis:** **210863**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.424-1.428                      | 1.43                             |
| Purity(GC)                          | 98-100 (%)                       | 98.22 %                          |
| Density (20°C)                      | 0.999-1.006                      | 1.00                             |
| Appearance (B133488)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager