

## CERTIFICATE OF ANALYSIS

### 1. Basic Information

|                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| Chemical Name:<br>N-Butyl-Cyanoacrylate Adhesive | CAS Number: 6606-65-1                                                            |
| Molecular Weight: 249.27                         | Molecular Formula: C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub> |
| Batch Number: 2025021701                         | Manufacturing Date: 20250217                                                     |
| Quantity: 20KG                                   | Retest Date: 20260216                                                            |

### 2. Physical Characteristics

| Items                                    | Standard                     | Result  |
|------------------------------------------|------------------------------|---------|
| Appearance                               | Colorless transparent liquid | Conform |
| Purity(GC)                               | >99.0%                       | 99.3%   |
| N-Butyl Cyanoacetate                     | <1.0%                        | 0.3%    |
| Butanol                                  | <0.3%                        | 0.2%    |
| Other Impurities                         | <0.2%                        | 0.1%    |
| Formaldehyde (HPLC)                      | <300ppm                      | 60      |
| Viscosity (mPa.s, 25°C)                  | 3-5                          | 3.05    |
| Hydroquinone                             | <500 ppm                     | 350 ppm |
| SO <sub>2</sub>                          | <100 ppm                     | 50 ppm  |
| Water content:<br>Karl Fischer Titration | <500 ppm                     | 150 ppm |
| Set time(skin)                           | <20sec                       | 10sec   |
| Properties: (aged @ 85° C)               | >3days                       | 5days   |
| Conclusion                               | Comply with the standards    |         |

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