

## CERTIFICATE OF ANALYSIS

### 1. Basic Information

|                                      |                                                                    |
|--------------------------------------|--------------------------------------------------------------------|
| Chemical Name: 2-octyl cyanoacrylate | CAS Number: 133978-15-1                                            |
| Molecular Weight: 209.28476          | Molecular Formula: C <sub>12</sub> H <sub>19</sub> NO <sub>2</sub> |
| Batch Number: 2024121001             | Manufacturing Date: Dec,10 <sup>th</sup> ,2024                     |
| Quantity: 10KG                       | Retest Date: Dec,09 <sup>th</sup> ,2025                            |

### 2. Physical Characteristics

| Items                                | Standard                     | Result  |
|--------------------------------------|------------------------------|---------|
| APPEARANCE                           | Colorless transparent liquid | Confirm |
| Purity(GC)                           | >98.0%                       | 98.9%   |
| 2-OctylCyanoacetate                  | <1%                          | 0.3%    |
| Octano                               | <1%                          | 0.6%    |
| Other Impurities                     | <0.5%                        | Confirm |
| Formaldehyde                         | <200ppm                      | 50ppm   |
| Viscosity (mPa.s,25°C)               | <200cps                      | 6.9cps  |
| Colorant                             | 0-100ppm .                   | 0ppm    |
| Hydroquinone                         | <300ppm                      | 200ppm  |
| SO <sub>2</sub>                      | <100ppm                      | 50ppm   |
| Water content                        | <500ppm                      | 350ppm  |
| Karl Fisher Titration Set time(skin) | <120sec                      | 50sec   |
| Properties: (aged @ 85°C)            | >3 days                      | 7 days  |
| Conclusion                           | Comply with the standards    |         |

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Checker: Hu Kai

Approved: Shao Jin