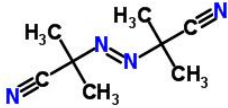


# Hebei Huanhao Biotechnology Ltd.,co

Address: Intersection of Zhonghua Avenue and Zhongshan  
Road, Shijiazhuang city, Hebei Province, China.

## CERTIFICATE OF ANALYSIS

|                    |                                    |                                                                                     |              |
|--------------------|------------------------------------|-------------------------------------------------------------------------------------|--------------|
| Product Name       | 2,2'-Azobis(2-methylpropionitrile) |                                                                                     |              |
| CAS No.            | 78-67-1                            |  |              |
| MFG. Date:         | 2019.05.24                         |                                                                                     |              |
| Analysis Date:     | 2019.05.25                         | Molecular Formula                                                                   | C8H12N4      |
| Retest Date:       | 2021.05.24                         | Batch No.                                                                           | HBHH20190525 |
| Analysis According | Enterprise Standard                | Quantity                                                                            | 500kg        |

| Testing Items                | Specifications                 | Results  |
|------------------------------|--------------------------------|----------|
| Appearance                   | White crystalline powder       | Conforms |
| Melting point(℃)             | 100-103                        | 102      |
| Color dot                    | ≤10dot/10g                     | 8dot/10g |
| Volatiles(%)                 | ≤5%                            | 0.05     |
| Methanol insoluble substance | ≤0.1%                          | 0.008%   |
| Content(%)                   | >99                            | 99.3     |
| Conclusion                   | This product conforms standard |          |

马杰

复核员 (Re-tester)

张红梅

质保部主管 (QA manager)

任成印