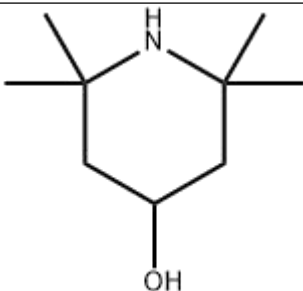




杭州海蓝化工有限公司  
HANGZHOU HAILAN CHEMICAL CO.,LTD

CERTIFICATE OF ANALYSIS

COA No.:08202502081

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| Product Name        | 2,2,6,6-Tetramethyl-4-piperidinol                                                 |
| CAS Registry number | 2403-88-5                                                                         |
| Structure           |  |
| MF&MW               | C <sub>9</sub> H <sub>19</sub> NO & 157.25                                        |
| Batch number        | 202412111                                                                         |
| Date of manufacture | 20241211                                                                          |

| Index Name          | Specifications                | Results         |
|---------------------|-------------------------------|-----------------|
| Appearance          | White crystal                 | Pass            |
| Light transmittance | 425nm≥99.0%<br>500nm≥99.5%    | 99.65%<br>99.8% |
| Melting point       | 128.0~132.0deg C              | 131.2deg C      |
| Water               | 0.1%max                       | 0.03%           |
| Ash                 | 0.1%max                       | 0.02%           |
| Chroma              | 10max                         | 4.8             |
| Content             | 99.5%min                      | 99.9%           |
| TAA residual        | 0.005%max                     | 0.003%          |
|                     |                               |                 |
|                     |                               |                 |
| Conclusion          | Conforms to in-house standard |                 |

HANGZHOU HAILAN CHEMICAL CO., LTD.  
QUALITY CONTROL DEPARTMENT