



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: AEO-9

Chemical Formula: RO(CH₂CH₂O)_nH

Manufacturing Date: Dec 10th, 2023

Quantity: 10000kg

CAS No.: 111-09-3

Batch No.: HDC20231210

Retest Date: Dec 9th, 2024

Report Date: Dec 11th, 2023

| Test Items | Specifications | Test Results |
|---------------------|--------------------------|--------------|
| Appearance@25°C | White liquid | White liquid |
| pH Value | 6.0 ~ 7.0 | 6.59 |
| Colour APHA Hazen | Not more than 40 | 15 |
| Water Content | Not more than 0.5% | 0.08% |
| Cloud Point | 77°C ~ 83°C | 80.2°C |
| Hydroxyl Value | 90 mgKOH/g ~ 100 mgKOH/g | 96.6 mgKOH/g |
| Polyethylene glycol | Not more than 5% | 1.78% |
| Active Substance | Not less than 99.0% | 99.92% |

Conclusion: This is to certify that the testing results of this batch are complied with the requirements of the above specifications.

Storage Conditions: Preserved in tight, light-resistant containers; kept at room temperature away from heat and moisture.