

Certificate of Analysis (COA)

Product Name: Polycarboxylate Superplasticizer

Batch No.: [240618]

Manufacturing Date: [2024.06.18]

Expiration Date: [2025.06.17]

Quantity: [58 Ton]

CAS No.: 936626-00-5

Testing Date: [2024.06.18]

1. Appearance

- **Specification:** Light yellow to transparent liquid
- **Result:** [Meet Standards]

2. Solid Content (%)

- **Specification:** 40% ± 1%
- **Result:** [Meet Standards]

3. pH Value

- **Specification:** 6.5 - 8.5
- **Result:** [Meet Standards]

4. Specific Gravity (20°C)

- **Specification:** 1.10 - 1.12 g/cm³
- **Result:** [Meet Standards]

5. Chloride Ion Content (%)

- **Specification:** ≤ 0.10%
- **Result:** [Meet Standards]

6. Sulfate Ion Content (%)

- **Specification:** ≤ 0.05%
- **Result:** [Meet Standards]

7. Reduction in Water Demand (%)

- **Specification:** ≥ 25%
- **Result:** [Meet Standards]

8. Fluidity of Cement Paste (mm)

- **Specification:** ≥ 240 mm
- **Result:** [Meet Standards]

9. Air Content in Fresh Concrete (%)


- **Specification:** ≤ 4.5%
- **Result:** [Meet Standards]

10. Compressive Strength Ratio

- **1 Day:** ≥ 170%
 - **3 Days:** ≥ 160%
 - **7 Days:** ≥ 150%
 - **28 Days:** ≥ 130%
 - **Result:** [Meet Standards for each day]
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Certification: This is to certify that the above-mentioned product has been tested and conforms to the specifications listed.

Authorized By:

Signature: 

Date: 2024.06.18

Notes:

- Store in a cool, dry place, away from direct sunlight.
- Keep the container tightly sealed when not in use.
- Use within the expiration date to ensure optimal performance.

This COA is valid without signature if the document is distributed electronically.