



山东华鲁恒升化工股份有限公司  
SHANDONG HUALU-HENGSHENG CHEMICAL CO., LTD.

**CERTIFICATE OF ANALYSIS**

DATE: MAR.15,2024

COMMODITY: ADIPIC ACID

BATCH NO.: 20240315

THE RESULTS OF INSPECTION ARE AS FOLLOWS:

| ITEM                          | SPECIFICATION            | RESULTS                  |
|-------------------------------|--------------------------|--------------------------|
| APPEARANCE                    | WHITE CRYSTALLINE POWDER | WHITE CRYSTALLINE POWDER |
| PURITY % (M/M)                | ≥99.7                    | 99.84                    |
| MELTING POINT °C              | ≥151.5                   | 152.8                    |
| AMMONIA SOLUTION COLOR(PT-CO) | ≤5.0                     | 1.0                      |
| Moisture %(M/M)               | ≤0.2                     | 0.16                     |
| IRON MG/KG                    | ≤1.0                     | 0.2                      |
| HNO3 MG/KG                    | ≤10.0                    | 0.7                      |
| ASH MG/KG                     | ≤7.0                     | 2.0                      |

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NO.24, TIANQUXI ROAD, DEZHOU, SHANDONG, CHINA

SIGNATURE

