

SHANDONG HAILI CHEMICAL INDUSTRY CO.,LTD  
MAQIAO, HUANTAI, ZIBO, SHANDONG, CHINA  
TEL: 86-533-8539079 FAX: 86-533-8538686

## CERTIFICATE OF ANALYSIS

ISSUE DATE:Feb08.2023

BATCH NO:HL20230115

QUANTITY:22MT

**COMMODITY:ADIPIC ACID 99.7% MIN**

**MANUFACTURER:SHANDONG HAILI CHEMICAL INDUSTRY CO.,LTD**

**MANUFACTURING DATE: 2023-01-15**

**EXPIRY DATE: 2024-01-15**

**THE NUMBER OF THIS LETTER OF CREDIT:529011043357-S**

| ANALYTICAL ITEMS                | SPECIFICATION        | RESULT               |
|---------------------------------|----------------------|----------------------|
| APPEARANCE                      | WHITE CRYSTAL POWDER | WHITE CRYSTAL POWDER |
| PURITY % (m/m)                  | ≥99.7                | 99.84                |
| MELTING POINT °C                | ≥151.5               | 152.3                |
| AMMONIA SOLUTION COLOUR (PT-CO) | ≤5                   | 4.83                 |
| MOISTURE % (m/m)                | ≤0.20                | 0.16                 |
| ASHES mg/kg                     | ≤7                   | 2                    |
| FE mg/kg                        | ≤1.0                 | 0.19                 |
| HNO3 mg/kg                      | ≤10.0                | 0.96                 |



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SIGNATURE