

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-26 16:42:11
Date of Next Testing: 2029-12-25 16:42:11
Product Name: **Urea**
CAS Number: 57-13-6
Specifications & Purity: $\geq 99.5\%$
Lot #: L2510575
SKU #: **U141075**
Version: **1**
Analysis #: **612254**

| Parameter | Limit Values | Result |
|--------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Melting point | 132-135 (°C) | 132.27000 °C |
| Water by Karl Fischer | 0-1 (%) | 0.26 % |
| Purity(HPLC) | 99.5-100 (%) | 99.85100 % |
| Biuret | 0-0.3 (%) | 0.28 % |
| Appearance (U141075) | Colorless or White Crystals ,Powder and/or Chunks | Colorless or White Crystals ,Powder and/or Chunks |
| Solubility in H2O , Colorless,Clear,8 M | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager