

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-24 10:52:52

Date of Next Testing: 2029-09-23 10:52:52

Product Name: **Urea**

CAS Number: 57-13-6

Specifications & Purity: for electrophoresis, ≥99.5%(T)

Lot #: I2516464

SKU #: **U111901**

Version: **0**

Analysis #: **582498**

Storage Temperature: Room temperature

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| UV Absorbance 280nm (C= 5 M, H <sub>2</sub> O)) | 0-0.06                | 0.00031               |
| Purity (T)                                      | 99.5-100 (%)          | 99.99910 %            |
| UV Absorbance 260nm (C= 5 M, H <sub>2</sub> O)) | 0-0.06                | 0.00254               |
| lead by ICP-atomic emission                     | 0-5 (ppm)             | 0.98000 ppm           |
| specific ion electrode test                     | 0-0.005 (%)           | 0.00000 %             |
| Iron(Fe)                                        | 0-1 (ppm)             | 0.00000 ppm           |
| Electrophoresis test                            | pass                  | Pass                  |
| Infrared spectrum                               | Conforms to Structure | Conforms to Structure |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



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QA & QC Manager