

### Certificate of Analysis

**Product: Urea Granules 99%**  
**Item Number: URPL**  
**Grade: Lab**  
**Lot Number: 5000413/1.1**  
**Manufacture Date: 07/16/2023**  
**Expiration Date: 07/16/2026**  
**Country of Origin: United States**

| Tested Property        | Specification | Analysis |
|------------------------|---------------|----------|
| Urea                   | Min 98.7 wt%  | 98.98    |
| Total Nitrogen as N    | Min 46.0 wt%  | 46.2     |
| Biuret                 | Max 0.5 wt%   | 0.44     |
| Free Ammonia           | Max 150 ppm   | 50       |
| pH of 10% Solution     | 7 - 10        | 8.51     |
| Ash (Ignition residue) | Max 20 ppm    | 0        |
| Iron                   | Max 2 ppm     | 0        |
| Color APHA             | As reported   | 0        |
| Turbidity as SiO2      | Max 10        | 0        |
| Conditioner            | Max 1.760 wt% | 1.276    |
| Moisture               | Max 0.4 wt%   | 0.292    |

Conditioner is Urea, reaction products with formaldehyde (CAS# 68611-64-3), calculated as Methylenediurea (MDU).

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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