

UREA

Specification

This document was revised on 27th January 2017 and supersedes all earlier versions.

Chemical Analysis

| | |
|-------------------|---------------|
| Urea | Min 97% |
| Total Nitrogen | Min 46% |
| Biuret | Max 1.0% |
| Moisture | Max 0.3% |
| Formaldehyde | 0.2-0.4% |
| Insolubles | Max 0.02% |
| Total Ammonia | Max 100 mg/Kg |
| pH (10% solution) | Max 10 |

Heavy Metals and Halogens

| | |
|----------|----------------|
| Arsenic | Max 1 mg/Kg |
| Lead | Max 5 mg/Kg |
| Cadmium | Max 1 mg/Kg |
| Mercury | Max 0.05 mg/Kg |
| Fluorine | Max 150 mg/Kg |
| Iron | Max 5 mg/Kg |

Physical Properties

| | |
|---------------------|-----------------------------|
| 1.00 – 3.00mm | Min 92% |
| < 0.2mm | Max 0.5% |
| Bulk Density | 720 – 760 Kg/m ³ |
| Appearance / Colour | White Prills |