

Urea Microprill Feed Grade

CHEMICAL ANALYSIS

| Component | Units | Minimum | Maximum | Typical |
|----------------|-----------------------|---------|---------|---------|
| Urea | % | 98.6 | | 98.8 |
| Total Nitrogen | wt. %N | 46.0 | | 46.1 |
| Biuret | wt. % | | | 1.5 |
| Conditioner* | wt. % | | 1 | 1 |
| Moisture | wt. %H ₂ O | | | 0.7 |
| Free Ammonia | ppm | | | 40 |

* Conditioner is **Urea, polymer with formaldehyde (CAS# 9011-06-05)**, calculated as Urea Formaldehyde per AAFCO requirements.

PHYSICAL ANALYSIS

| Component | Units | Typical |
|----------------------|--------------------|---------|
| Angle of Repose | degrees | 29 |
| Color | | White |
| Bulk Density (Loose) | lb/ft ³ | 47 |
| | kg/m ³ | 760 |
| SGN | | 65 - 89 |

PARTICLE SIZE DISTRIBUTION

| | Tyler Mesh | US Mesh | mm Mesh | Typical wt. % |
|------------------------------|------------|---------|---------|---------------|
| <i>Retained on . . .</i> | 14 | 16 | 1.18 | 0.0 |
| | 20 | 20 | 0.85 | 30.0 |
| | 28 | 30 | 0.60 | 83.0 |
| | 35 | 40 | 0.425 | 97.0 |
| | 48 | 50 | 0.300 | 100.0 |
| <i>Passing through . . .</i> | 60 | 60 | 0.250 | 100.0 |
| | 60 | 60 | 0.250 | Trace |

Refer to a Safety Data Sheet for more information

Typical results are based on historical data records. Grab samples or individual car samples may fall outside of the typical range.

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The manufacturing representative for this product is the following subsidiary of Nutrien Ltd.:

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