NUROIL TRADING
Sharjah, United Arab Emirates

Feed Grade Urea

Urea 46% N | Non-protein nitrogen for ruminant feed

PRODUCT OVERVIEW

A non-protein nitrogen source for ruminant feed formulation, with tighter biuret and heavy-metal limits than fertilizer grade. Feed-additive registration is separate and must be confirmed for the destination.

TYPICAL SPECIFICATION

Characteristic	Units	Typical value	Test method
Nitrogen (N) content	-	**46% minimum**	ASTM E1518 / ISO 18227
Crude protein equivalent (N x 6.25)	-	**Approximately 262 to 287%**	Calculated
Form	-	**Prilled, granular or coated**	Visual / sieve inspection
Appearance	-	**White to off-white granules**	Visual
Biuret content	-	**0.3% maximum**	ISO 17318
Moisture content	-	**0.5% maximum**	ISO 760 / Karl Fischer
Arsenic	-	**3 ppm maximum**	AOAC heavy metals method
Lead (Pb)	-	**10 ppm maximum**	AOAC heavy metals method
Granule / prill size	-	**1 to 3 mm**	ISO 8397 / sieve analysis
Bulk density	-	**Approximately 0.74 g/cm³**	ASTM D1895
Solubility	-	**Fully soluble in water**	-
Shelf life	-	**12 months from production, stored dry**	-

SUPPLY AND PACKING

Bulk, big bags (typically 500 to 1,000 kg) and 50 kg bags, palletised for handling. FOB is quoted from Jebel Ali, Port Khalid and Sharjah Hamriyah; CFR and CIF are available on request. Country of origin and availability are confirmed at the enquiry stage.

DOCUMENTATION

Every shipment includes a Certificate of Analysis. Certificate of Origin and MSDS are available on request. Destination-specific import or phytosanitary documentation is confirmed where applicable.

NOTICE

Values are typical and published for reference; they are not a certificate of analysis. Agree the specification of the offered batch, the packing and any destination requirements before ordering.