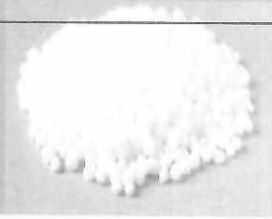


Urea

Automotive Grade Urea

Harmonized Code 310210

Solid forms with low biuret and formaldehyde



Appearance	Solid , crystalline	
	granules , White colored	Visual
Urea Content (Min.)	98.5 % wt	ISO 22241-2:2019E
Nitrogen on dry basis (Min.)	46.3 % wt	ISO 22241-2:2019E Annex B
Biuret (Max.)*	0.86 % wt	AOAC 960.04:2019
Moisture (Max.)	0.11 % wt	Karl fisher Method
Alkalinity as NH ₃ (Max.)	0.004 % wt	ISO 22241-2:2019E Annex D
Aldehydes (Max.)	8 mg/kg	ISO 22241-2:2019E Annex F
insoluble matter (Max.)	60 mg/kg	ISO 22241-2:2019E Annex G
Phosphate PO ₄ (Max.)	1.5 mg/kg	ISO 22241-2:2019E Annex H
Aluminum Al (Max.)	1.5 mg/kg	
Calcium Ca (Max.)	1.5 mg/kg	
Chromium Cr(Max.)	0.6 mg/kg	
Copper Cu (Max.)	0.6 mg/kg	
Iron Fe (Max.)	1.5 mg/kg	ISO 22241-2:2019E Annex I
Potassium K (Max.)	1.5 mg/kg	
Magnesium Mg (Max.)	1.5 mg/kg	
Sodium Na (Max.)	1.5 mg/kg	
Nickel Ni (Max.)	0.6 mg/kg	
Zinc Zn (Max.)	0.6 mg/kg	
Cadmium Cd (Max.)	0.1 mg/Kg	
Lead Pb (Max.)	2.0 mg/Kg	
Arsenic As (Max.)	0.5 mg/Kg	
Mercury Hg (Max.)	Nil	

* we are accredited ISO 17025:2017 in this test from EGAC No. 022319

- Some urea granules may stick together after some time has passed since they were produced.
- Transport and Storage Shall Comply With The SDS Specification .

Q.C Manager

Issued at : Cairo

Dated : 10/08/2025



HFC
HELWAN FERTILIZERS CO.
شركة حلوان للأسمدة

Labs. General Manager

Issued by: Ahmed Hussein is