



**PRODUCT INFO
& DATASHEET**

SICUREA-LBT Urea Technical

***Low Biuret Technical Nitrogen water soluble fertiliser
46% N, max. 0.5% Biuret (white prills)***

Made in EU

01/2020

1. GENERAL INFORMATION

Chemical name: Urea, H₂N-CO-NH₂
CAS no: 57-13-6
EINECS no: 200-315-5

2. PRODUCT SPECIFICATIONS

- Chemical Specifications

Property	Specification	Typical value	Unit	Test Method
Urea:	min. 99.15	99.3	g/100g	Calculation, CAL/LQ_066.10.00
Water:	max. 0.35	0.2	g/100g	ISO 760
Biuret:	max. 0.5	0.4	g/100g	Photometry, CAL/LQ_057.06.00
Free ammonia, NH ₂ :	max. 0.01	0.0085	g/100g	Volumetry, CAL/LQ_026.27.00
Iron:	max. 3	0.2	mg/kg	Photometry, CAL/LQ_057.10.00
Water insoluble fraction:	max. 0.005	0.0015	g/100g	Gravimetry, CAL/LQ_067.08.03
Nitrogen N:	min. 46.0	46.3	g/100g	Keldahi, CAL_LQ_066.09.00

- Physical Properties

Appearance white prills, slightly hygroscopic
Granules 1.0-3.15 mm: min. 90 94 g/100g ISO 310

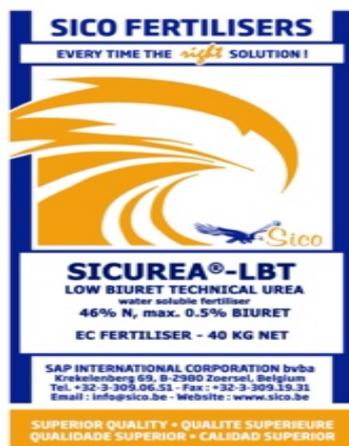
Minimum shelf life: at storages temperatures ≤ 25° C. min. 6 months after manufacture.

Depending on the actual conditions of storage and the mechanical stress during transport and storage both flowability and particle size distribution may deviate from the delivery specification before the end of the minimum shelf life.

3. PACKING

40 kg wpp + pe SICO bags, 20.8 MT/20' or 27.6 MT/40' (loose bags without pallets)

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