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Specification

Technical Data Sheet

CAS	SPECIFICATION	STORAGE	MOLECULAR WEIGHT
57-13-6	**v1 · 06 Oct 2026**	**Ambient**	**60.06**

PRODUCT

Urea ≥99.0%

Product number	90038358
CAS number	57-13-6
Molecular formula	NH2CONH2
Molecular weight	60.06 g/mol

PARAMETER	SPECIFICATION
Appearance	TBR
Assay	≥99.0%
Identification	Conforms to reference
Melting Point	132 - 135°C
pH	(10%) 8.5 - 9.5
Ammonia (NH3)	~82 mg/kg
Biuret	~.090% i.W
Formaldehyde	~0.30 mg/kg
Insoluble in water	≤0.001% i.W
Moisture	≤0.20% i.W
Nitrogen (N)	≥46.0% i.W

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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