

## Technical Information

### Urea Cell Culture Tested

**Product Code:TC1180**

### Product Information

Product Code	: TC1180
Product Name	: Urea
Synonyms	: Carbamide
Molecular Formula	: $\text{NH}_2\text{CONH}_2$
Molecular Weight	: 60.06
CAS No.	: 57-13-6

### Technical Specification

Appearance	: White crystalline powder.
Solubility	: Soluble in water.
Minimum assay (ex N)	: 99.5%
Melting Point	: 132°- 133°C
Sulphated ash	: $\leq 0.01\%$
Chloride (Cl)	: $\leq 0.0005\%$
Sulphate ( $\text{SO}_4$ )	: $\leq 0.001\%$
Iron (Fe)	: $\leq 0.0001\%$
Heavy metals (pb)	: $\leq 0.0002\%$
Acidity	: $\leq 0.05\text{ml N}\%$
Biuret ( $\text{C}_2\text{H}_5\text{N}_3\text{O}_2$ )	: $\leq 0.05\%$
Cell Culture Test	: Passes test

### Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell  
Culture Tested**



## Product Specification

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### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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