

## Technical Information

### Urea

Meets USP 41-NF 36, EP 9.0, JP 17 And BP 2016 testing specifications  
Cell Culture Tested

Product Code:TC1180M

### Product Information

Product Code	: TC1180M
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	: A white granules /crystalline powder.
Solubility	: 10% solution in water is clear, colourless.
Minimum assay(Kjeldahl)	: 99.0%
Melting Point	: 131°- 134°C
Sulphated ash	: <= 0.1%
Chloride (Cl)	: <= 0.002%
Sulphate (SO <sub>4</sub> )	: <=0.05%

### Risk And Safety Information

WGK	: 1
RTECS	: YR6250000
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

### 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.
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