

Technical Information

Urea
Cell Culture Tested

Product Code:TC1180

Product Information

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|-------------------|------------------------------|
| Product Code | : TC1180 |
| Product Name | : Urea |
| Synonyms | : Carbamide |
| Molecular Formula | : NH_2CONH_2 |
| Molecular Weight | : 60.06 |
| CAS No. | : 57-13-6 |

Technical Specification

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|--|---|
| Appearance | : A white crystalline powder or transparent crystals. |
| Solubility | : 10% solution in water is clear, colourless. |
| Minimum assay (Calculated with respect to dried substance.; Kjeldahl method) | : 99.5% |
| Melting Point | : 132°- 135°C |
| Sulphated ash | : <= 0.01% |
| Chloride (Cl) | : <= 0.0005% |
| Sulphate (SO_4) | : <= 0.001% |
| Iron (Fe) | : <= 0.0001% |
| Heavy metals (pb) | : <= 0.0002% |
| Acidity | : <= 0.05ml N% |
| Biuret ($\text{C}_2\text{H}_5\text{N}_3\text{O}_2$) | : <= 0.05% |
| Cell Culture Test | : Passes test |

Risk And Safety Information

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

Transport Information

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|------------------|-----------------------|
| 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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