TABRIZ PHARMA
Tabriz Chemical and Pharmaceutical Ind.

# *Physico-Chemical Specification of product*

## *Urea*

**Name / Internal code:** Urea (3204002)
**Precaution:** SDS/PR-034
**Specification code:** QC/URE-063
**Sampling SOP:** SOP/QC-027
**Testing SOP:** SOP/QC-166
**Validity date:** 1 year

| No. | Chemical Analysis | Specifications | Reference |
|---|---|---|---|
| 01 | Characteristics | Colorless to white, prismatic crystalline powder or transparent crystals. | USP2024 |
| 02 | Identification A, B | According to USP requirements | USP2024 |
| 03 | Solubility | Freely soluble in water and in boiling alcohol, practically insoluble in chloroform & ether. | USP2024 |
| 04 | Residue on ignition | NMT 0.1% | USP2024 |
| 05 | Alcohol insoluble matter | NMT 0.04% | USP2024 |
| 06 | Organic Impurities: | | USP2024 |
| | Urea related compound A | NMT 0.1% | USP2024 |
| | Any individual unspecified impurity | NMT 0.1% | USP2024 |
| | Total impurities | NMT 2.0% | USP2024 |
| 07 | Assay | 98.0-102.0% | USP2024 |

**Remark:** Not Applicable

***Packing and storage: preserve in well-closed containers. Store at 25°, excursions permitted between 15°and 30°.***

**QC Manager:** 20.07.2024

**QA Manager:** 20.07.2024

QA APPROVED
By:
Date: 20.07.2024



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