

492 – UREA, AR GRADE

REF NO: TBL/QA/SS/LC/492	STANDARD SPECIFICATION FOR UREA, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date: 15/11/2021		Product code: 492

PRODUCT PROPERTIES

C.A.S Number	57-13-6
Chemical Formula	CH ₄ N ₂ O
Formula weight	60.06
Functional Uses	Urea is used in denaturation of protein isolated from Saccharomyces cerevisiae Y15696 strain and it is also used in protein electrophoretic studies.
Standard Packaging	500 gm., 5 kg & 50 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphated Ash	NMT – 0.01%
Sulphate (SO ₄)	NMT – 0.001%
Chloride (Cl)	NMT – 0.0005%
DNase	None detected
RNase	None detected
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

