

5108 – UREA

REF NO: TBL/QA/SS/F/5108	STANDARD SPECIFICATION FOR UREA	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5108

PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	Urea is used in sugar-free chewing gum to adjust the texture.
Standard Packaging	50 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless to white crystalline powder.
Solubility	Freely soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 105°C, 3 hours)	NMT – 1.0%
Residue on ignition	NMT – 0.1%
Alcohol insoluble matter	NMT – 0.04%
Chloride	NMT – 0.007%
Lead	NMT – 5 mg/Kg
Sulphate	NMT – 0.01%
Assay	99.0 – 100.5%

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

