

## 3288– ALLYLTHIOUREA (THIOSINAMINE)

REF NO: TBL/QA/SS/LC/3288	STANDARD SPECIFICATION FOR ALLYLTHIOUREA (THIOSINAMINE)	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 3288

### PRODUCT PROPERTIES

C.A.S Number	109-57-9
Chemical Formula	C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> S
Formula weight	116.18
Functional Uses	N-Allylthiourea was used as nitrification inhibitor in a study on transformation of diclofenac, naproxen and bisoprolol under aerobic and anaerobic conditions. It has been used in medicine to minimize scar tissue and to fight against a type of dermatitis.
Standard Packaging	25 gm, 100 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to light beige crystals or granules or powder.
Solubility	Soluble in alcohol.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	70 - 72°C
Assay	NLT – 98.0%

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

