

342 – IMIDAZOLE, AR GRADE

REF NO: TBL/QA/SS/LC/342	STANDARD SPECIFICATION FOR IMIDAZOLE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 342

PRODUCT PROPERTIES

C.A.S Number	288-32-4
Chemical Formula	C ₃ H ₄ N ₂
Formula weight	68.08
Functional Uses	Imidazole is used as intermediate of bactericide for imazalil, prochloraz, etc., and that of pharmaceutical anti-fungal drug, econazole, ketoconazole, and clotrimazole as well. Used as organic synthetic materials and intermediates for the preparation of drugs, pesticides and buffer substances. Used as analytical reagent, as well as in organic synthesis.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH Range(0.1 M in H ₂ O)	9.5 – 11.0
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.005%
Assay	NLT – 99.0%

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

