

600 – GUANINE HCl

REF NO: TBL/QA/SS/LC/600	STANDARD SPECIFICATION FOR GUANINE HCl	Rev. No: 03
Issue No: 04		Review Date: 20/03/2025
Issue Date: 21/03/2022		Product code: 600

PRODUCT PROPERTIES

C.A.S Number	635-39-2
Chemical Formula	C ₅ H ₅ N ₅ O.HCl
Formula weight	187.59
Functional Uses	Guanine hydrochloride is the hydrochloride salt of the purine base, guanine. It is a component of basal medium.
Standard Packaging	5 gm, 25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or yellowish Crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Heavy metal (Pb)	NMT – 0.005%
Loss on drying	NMT – 2.0%
Assay	NLT- 98%

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

