

697 – GUANINE

REF NO: TBL/QA/SS/LC/697	STANDARD SPECIFICATION FOR GUANINE	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 697

PRODUCT PROPERTIES

C.A.S Number	73-40-5
Chemical Formula	C ₅ H ₅ N ₅ O
Formula weight	151.13
Functional Uses	Guanine is suitable reagent used to investigate the mechanism of electrochemical oxidation of guanine and adenine using a glassy carbon microelectrode and cyclic and differential pulse voltammetry.
Standard Packaging	5 gm, 25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to light yellow crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	NLT – 30° C
Ash	NMT – 0.3%
Assay	NLT – 99.0%

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

