

2751 – THIOSEMICARBAZIDE, AR GRADE

REF NO: TBL/QA/SS/LC/2751	STANDARD SPECIFICATION FOR THIOSEMICARBAZIDE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 10/03/2025
Issue Date: 11/03/2022		Product code: 2751

PRODUCT PROPERTIES

C.A.S Number	79-19-6
Chemical Formula	CH ₅ N ₃ S
Formula weight	91.14
Functional Uses	It can be used to build a variety of heterocycles and bioactive molecules such as thiosemicarbazides, derivatives of thienopyrimidine urea and 2-amino thiadiazole.
Standard Packaging	25 gm, 100 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to Light Yellow to Faint Beige Crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Range	181-183°C
Iron(Fe)	NMT-0.005%
Lead(Pb)	NMT-0.0005%
Copper(Cu)	NMT-0.0005%
Assay	NLT-99.0%

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

