

3443- SULPHAMETHAZIDE

REF NO: TBL/QA/SS/LC/3443	STANDARD SPECIFICATION FOR SULPHAMETHAZIDE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2025
Issue Date:15/11/2022		Product code: 3443

PRODUCT PROPERTIES

C.A.S Number	57-68-1
Chemical Formula	$C_{12}H_{14}N_2NaO_8$
Formula weight	278.33
Functional Uses	Sulfamethazine is an antibacterial. Sulfamethazine blocks the synthesis of dihydrofolic acid by inhibiting dihydropteroate synthase.
Standard Packaging	25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off-white colour powder or crystals.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	195-200°C
Water	NMT 1.0%
Purity	NLT- 98.0%

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

