2200 – RIFAMPICIN

REF NO: TBL/QA/SS/LC/2200	STANDARD SPECIFICATION FOR RIFAMPICIN	**Rev. No:** 03
Issue No: 04		**Review Date:** 04/02/2025
Issue Date: 05/02/2022		**Product code:** 2200

PRODUCT PROPERTIES

C.A.S Number	13292-46-1
Chemical Formula	$C_{43}H_{58}N_4O_{12}$
Formula weight	NA
Functional Uses	Rifampicin effectively controls bacterial contaminants without affecting the growth of short-term explant cultures.
Standard Packaging	1 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Red brown in colour.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (in 1.0% w/v suspension)	4.5 – 6.5
Melting Point	≈183ºC
Sulphated Ash	NMT – 0.1%
Heavy Metal (Pb)	NMT – 20ppm
Density	1.345 gm/cm^3
Assay	NLT – 97.0%

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