

## 2031– TRIMETHOPRIM

REF NO: TBL/QA/SS/LC/2031	STANDARD SPECIFICATION FOR TRIMETHOPRIM	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 2031

### PRODUCT PROPERTIES

C.A.S Number	738-70-5
Chemical Formula	C <sub>14</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
Formula weight	290.30
Functional Uses	Trimethoprim is primarily used as an antibacterial agent. It has dihydrofolate reductase inhibitor activity with selectivity for the prokaryote enzyme.
Standard Packaging	5gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	199 – 203°C
Assay	NLT – 99.0%

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

