

## 2023– ERYTHROMYCIN

|                           |  |                         |
|---------------------------|--|-------------------------|
| REF NO: TBL/QA/SS/LC/2023 | STANDARD SPECIFICATION<br>FOR ERYTHROMYCIN | Rev. No: 03             |
| Issue No: 04              |  | Review Date: 28/10/2024 |
| Issue Date: 29/10/2021    |  | Product code: 2023      |

### PRODUCT PROPERTIES

|                    |  |
|--------------------|--|
| C.A.S Number       | 114-07-8   |
| Chemical Formula   | $C_{37}H_{66}NO_{13}$  |
| Formula weight     | 733.9  |
| Functional Uses    | Erythromycin is a macrolide antibiotic that bind to the 50S ribosomal subunit and inhibit protein synthesis. |
| Standard Packaging | 1 gm   |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION             |
|-------------------|---------------------------|
| Appearance        | White colour fine powder. |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Assay             | NLT – 97.0%   |

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

