

## CM 23092 – CEFALEXIN (MONO)

REF NO: TBL/QA/SS/LC/2012	<b>STANDARD SPECIFICATION FOR CEFALEXIN (MONO)</b>	Rev. No: 03
Issue No: 04		Review Date:28/10/2024
Issue Date: 29/10/2021		Product code:2012

### PRODUCT PROPERTIES

C.A.S Number	23325-78-2
Chemical Formula	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S.H <sub>2</sub> O
Formula weight	365.4
Functional Uses	Cephalexin is a cephalosporin antibiotic used to study the effect of expression, binding, and inhibition of PBP3 and other penicillin-binding proteins (PBPs) on bacterial cell wall mucopeptide synthesis.
Standard Packaging	1 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off-white crystalline powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Assay	98.0-100.5%

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

