

CM 23157 – G-418-DISULPHATE(GENETICIN SULPHATE)

REF NO: TBL/QA/SS/LC/3341	STANDARD SPECIFICATION FOR G-418-DISULPHATE (GENETICIN SULPHATE)	Rev. No: 03
Issue No: 04		Review Date:28/10/2024
Issue Date: 29/10/2021		Product code:3341

PRODUCT PROPERTIES

C.A.S Number	108321-42-2
Chemical Formula	C ₂₀ H ₄₀ N ₄ O ₁₀
Formula weight	692.70
Functional Uses	Commonly know as G418 or G-418, Gibco Geneticin reagent is an aminoglycoside related to gentamicin, and is commonly used as a selective agent for eukaryotic cells. As an analog of neomycin sulfate, it interferes with the function of 80S ribosomes and protein synthesis in eukaryotic cells.
Standard Packaging	500 mg, 1 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Assay	NLT – 98.0%

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

