


CERTIFICATE OF ANALYSIS

PRODUCT NAME: G-418 Sulfate
 CAS NO. 108321-42-2
 BATCH NO. 19/MFM/2316
 MFG. DATE: February 2019
 EXP. DATE: February 2023
 STORAGE: Room Temperature

TESTS	SPECS	RESULTS
Description	White Powder	Complies
Solubility (Turbidity)		
100 mg/mL in H ₂ O	Clear to very slightly hazy solution	Complies
pH	4.6 to 6.0	5.5
Biological Assay		
- ED50 Resistant:	≥ 2500 ug/ml	Conforms
- ED50 Sensitive:	≤ 400 ug/ml	Conforms
Absorbance		
1 mg/ml H ₂ O :280 nm	< 0.015	Conforms
100 mg/ml H ₂ O :570 nm	< 0.10	Conforms
Purity by HPLC	$\geq 98\%$	98.26%
Potency (on dry basis)	≥ 720 ug/mg	735 ug/mg

* This material is supplied for laboratory use only.

Supplier: Formedium Ltd

Approved by: 

Date: 15 APR 2019

For and on behalf of
 FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ England


 (Authorised Signature)