

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** G-418 Sulphate  
**CAS NO.** 108321-42-2  
**BATCH NO.** 26/MFM/3237  
**EXP. DATE:** November 2028  
**STORAGE:** Cool Temperature

TESTS	SPECS	RESULTS
Description	White Powder	Complies
Solubility (100mg/ml water):	Clear to very slightly hazy	Complies
Water (KF)	≤6%	2.5%
pH	4.0 to 6.5	5.1
Specific optical rotation:	+104° to +121°	+120°
Absorbance		
- A570nm:	≤0.10	0.007
- A28nm:	≤0.015	0.007
NH4+:	≤1.0%	<1.0%
Thin-Layer Chromatogram:	1 spot	1 spot
Potency (on dried basis):	≥730u/mg	786u/mg

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26<sup>th</sup> January 2026