

## 检 验 报 告

### Certification of Analysis

Cat Number	G6160F	Product Name	G-418
Lot Number	2025/06	Storage	2~8℃

TESTS	SPECIFICATIONS	RESULTS
CHARACTERS IDENTIFICATION	White powder. IR: Meets the requirement. The retention time of the principal peak obtained from the sample solution should be identical to that obtained from the standard solution.	White powder. Complies Complies
APPEARANCE OF SOLUTION		
SOLUBILITY(100mg/ml, water )	Clear colorless, completely dissolved	Complies
SOLUBILITY(80mg/ml, PBS )	Clear colorless	Complies
SPECIFIC ROTATION (%)	+104° to +121°	+121°
MOISTURE(KF)	Not more than 6%	2.0%
ABSORPTION(570nm)		
100mg/ml water	Not more than 0.1	0.006
1.74g/25ml	Not more than 0.10	0.003
ABSORPTION(280nm)		
1mg/ml water	Not more than 0.015	0.008
1.74g/25ml	Not more than 0.7	0.534
HEAVY METALS	Not more than 0.002%	Complies
THIN-LAYER CHROMATOGRAM(TLC)	One spot	Complies
PURITY(HPLC)	Not less than 95%	98.6%
ASSAY(ON DRY BASIS)	Not less than 730 u/mg	783 u/mg

检验者:段永丽

审核者:贾京潭

