



CERTIFICATE OF ANALYSIS

Product : **G-418 DISULPHATE**
Product number : G0175
Batch number : 015716
Date of analysis : 17-09-2020
Date of expiry : 30-09-2023

Packaging and storage : store in a well-closed container, protected from light and moisture at 2 – 8 °C

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|---------------------------|---|----------|-------|-----------------|
| Appearance | white powder | complies | | |
| Solubility | freely soluble in water clear, colourless solution | complies | | |
| Water | ≤ 8 | 6.0 | % | |
| pH | 5.0 – 6.0 | 5.6 | | |
| Specific optical rotation | +104 – +121 | +117 | ° | |
| Absorbance | | | | |
| - A _{570 nm} | ≤ 0.010 | 0.003 | | |
| - A _{280 nm} | ≤ 0.015 | 0.000 | | |
| Ammonium | ≤ 1.0 | < 1.0 | % | |
| Heavy Metals | ≤ 20 | < 20 | ppm | as Pb |
| Potency | ≥ 700 | 710 | U/mg | dried substance |

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 17-09-2020

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.

