



# CERTIFICATE OF ANALYSIS

Product : **G-418 DISULPHATE**  
Product number : G0175  
Batch number : 015099  
Date of analysis : 17-12-2019  
Date of expiry : 31-12-2022

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<br>clear, colourless solution | complies |       |                 |
| Water                     | ≤ 8   | 6.7      | %     |                 |
| pH                        | 5.0 – 6.0   | 5.8      |       |                 |
| Specific optical rotation | +104 – +121   | +119     | °     |                 |
| Absorbance                |   |          |       |                 |
| - A <sub>570 nm</sub>     | ≤ 0.010   | 0.009    |       |                 |
| - A <sub>280 nm</sub>     | ≤ 0.015   | 0.000    |       |                 |
| Ammonium                  | ≤ 1.0   | < 1.0    | %     |                 |
| Related substances        | conform   | complies |       | TLC             |
| Potency                   | ≥ 700   | 759      | U/mg  | dried substance |

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

Conclusion: approved

Released by:

drs. Q. de Hoog, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 18-12-2019

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

Duchefa Biochemie B.V.

