

## CERTIFICATE OF ANALYSIS

Product : **SULPHAMETHOXAZOLE**  
 Product number : S0149  
 Batch number : 013165  
 Date of analysis : 18-07-2017  
 Date of expiry : 31-07-2022

Packaging and storage : in a well-closed container, protected from light

|                        | SPECIFICATION                                                                            | RESULT   | UNITS | REMARKS         |
|------------------------|------------------------------------------------------------------------------------------|----------|-------|-----------------|
| Appearance             | (almost) white crystalline powder                                                        | complies |       |                 |
| Solubility             | soluble in ethanol                                                                       | complies |       |                 |
| Identification:        |                                                                                          |          |       |                 |
| - A (melting point)    | 169 – 172                                                                                | 170      | °C    |                 |
| - B (IR-spectrum)      | conform                                                                                  | complies |       |                 |
| Appearance of solution | clear and colour $\leq$ ref. sol. Y <sub>5</sub> ,<br>BY <sub>5</sub> or GY <sub>5</sub> | complies |       | 1M NaOH         |
| Acidity                | conform                                                                                  | complies |       |                 |
| Related substances     | conform                                                                                  | complies |       | HPLC            |
| Heavy metals           | $\leq 20$                                                                                | complies | ppm   |                 |
| Loss on drying         | $\leq 0.5$                                                                               | 0.2      | %     | 105 °C          |
| Sulfated ash           | $\leq 0.1$                                                                               | 0.0      | %     |                 |
| Assay                  | 99.0 – 101.0                                                                             | 100.5    | %     | dried substance |

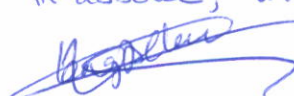
This certificate of analysis is conform the results of the supplier.

Conclusion: approved

Released by:

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

Date: 05-09-2017

*in absence, V. Kong Tse Lam*  


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