

## CERTIFICATE OF ANALYSIS

Product : AMMONIUM SULFATE  
Product number : A0502  
Batch number : 014553  
Date of production : 25-01-2019  
Date of analysis : 25-01-2019  
Date of expiry : 31-01-2024

Packaging and storage : store at room temperature in a well-closed container

|                              | SPECIFICATION | RESULT   | UNITS | REMARKS     |
|------------------------------|---------------|----------|-------|-------------|
| pH                           | 5.0 – 6.0     | 5.3      |       | 5% solution |
| Water-insoluble matter       | ≤ 0.01        | < 0.005  | %     |             |
| Sulphated ash                | ≤ 0.05        | < 0.005  | %     |             |
| Chloride (Cl)                | ≤ 0.003       | < 0.0002 | %     |             |
| Arsenic (As)                 | ≤ 0.0005      | < 0.0001 | %     |             |
| Phosphate (PO <sub>4</sub> ) | ≤ 0.001       | < 0.0002 | %     |             |
| Nitrate (NO <sub>3</sub> )   | ≤ 0.005       | < 0.001  | %     |             |
| Iron (Fe)                    | ≤ 0.002       | < 0.0002 | %     |             |
| Heavy metals (as Pb)         | ≤ 0.002       | < 0.0001 | %     |             |
| Assay                        | ≥ 99.0        | 100.0    | %     |             |

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: 06-05-2019

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