

## Product Specification

Product Name: Lysozyme hydrochloride  $\geq 20000$ U/mg  
Gallus domesticus - egg  
Mucopolysaccharide N-Acetylmuramyl hydrolase; Muramidase

Item Nr.: 1603                                      MW: ~14300 Da                                      C616H963N193O182S10HCl  
CAS Nr.: 9066-59-5                                      E.C.Nr.: 3.2.1.17                                      EINECS: 232-954-0

| Parameter            | Method                           | Specification | Unit  |
|----------------------|----------------------------------|---------------|-------|
| Appearance           | visual                           | White powder  |       |
| Solubility           | 5% in H <sub>2</sub> O           | soluble       |       |
| Clarity of solution  | Nephelometry                     | 0             | NTU   |
| Coloration of sol.   | Gardner                          | 1             |       |
| Activity             | Shugar-Units (Shugar, D. (1952)) | > 20000       | U/mg  |
| Loss on drying       |                                  | <8.0          | %     |
| pH                   | 2.5% in H <sub>2</sub> O         | 3.0 - 5.0     |       |
| Sulfated ash         |                                  | < 1.5         | %     |
| Microbiological test | Total count                      | <50000        | CFU/g |

Storage: Keep well closed at 4 °C in a dark and dry place. Hygroscopic

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 06/09:12.2021