

CERTIFICATE OF ANALYSIS

Product : **AGAROSE SPI**
 Product number : A1203
 Batch number : 011299
 Date of analysis : xx-07-2014
 Date of expiry : 31-07-2019

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

| | SPECIFICATION | RESULT | UNITS | REMARKS |
|--------------------------|---------------------------------|----------|-------------------|--------------------------|
| Appearance | white, fine, homogeneous powder | complies | | |
| Solubility | soluble in water | complies | | |
| pH in solution | | 6.92 | | 1.5% in H ₂ O |
| Gel strength | > 1200 | 1270 | g/cm ² | 1% in H ₂ O |
| Gel strength | > 2500 | 3025 | g/cm ² | 1.5% in H ₂ O |
| Gelling temperature | 34.5 – 37.5 | 36.6 | °C | 1.5% in H ₂ O |
| Melting temperature | 86.5 – 89.5 | 88.8 | °C | 1.5% in H ₂ O |
| Sulfate | < 0.2 | 0.088 | % | |
| Electroendosmosis | 0.09 – 0.13 | 0.12 | | |
| Residue on ignition | < 0.5 | 0.36 | % | |
| Loss on drying | ≤ 7 | 3.59 | % | |
| DNase and RNase activity | none detected | complies | | |

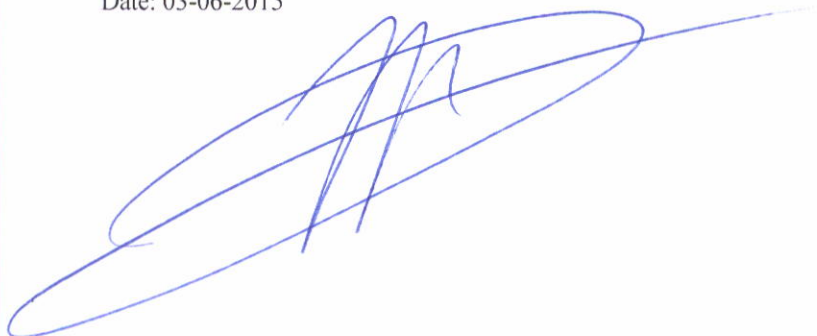
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 03-06-2015



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