

CERTIFICATE OF ANALYSIS

Product: **OptioBio™ 40Q 10x100**

Article number: **55 410 011**

Column ID: **152670-04**

Resin lot number: **151946**

| | Measured values | Specifications |
|---|-----------------|----------------|
| Efficiency | 8684 N/m | > 6350 N/m |
| Asymmetry | 1.01 | 0.75 - 1.50 |
| Column backpressure at max recommended flow (450 cm/h, 6 ml/min, water) | 0.10 MPa | Not specified |
| Bed height | 102 mm | 100 - 102 mm |

Issued 2018 AUGUST 17

by



Mats Johnson
Chief Executive officer