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## CERTIFICATE OF ANALYSIS

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Product: **OptioBio™ 40Q 10x100**

Article number: **55 410 011**

Column ID: **152267-02**

Resin lot number: **151465**

Product release date: **2016 FEB 22**

Expire date: **2021-02**

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	<b>Measured values</b>	<b>Specifications</b>
Efficiency	9807 N/m	> 6350 N/m
Asymmetry	1.16	0.75 - 1.50
Column backpressure at max recommended flow (450 cm/h, 6 ml/min, water)	0.07 MPa	Not specified
Bed height	101 mm	100 - 102 mm

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by



**Mats Johnson**  
Chief Executive officer