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## CERTIFICATE OF ANALYSIS

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Product: **OptioBio™ 40S 10x100**

Article number: **55 420 011**

Column ID: **152259-01**

Resin lot number: **BD009**

Product release date: **2016 APR 18**

Expire date: **2021-04**

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	<b>Measured values</b>	<b>Specifications</b>
Efficiency	14766 N/m	> 7400 N/m
Asymmetry	1.14	0.75 - 1.50
Column backpressure at max recommended flow (450 cm/h, 6 ml/min, water)	0.13 MPa	Not specified
Bed height	101 mm	100 - 102 mm

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by



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Mats Johnson  
Chief Executive officer