

## CERTIFICATE OF ANALYSIS

Product:	<b>OptioBio™ 40Q 10x100</b>
Storage solution:	<b>20% ethanol</b>
Article number:	<b>55 410 011</b>
Column ID:	<b>153943-04</b>
Resin lot number:	<b>153921</b>
Manufacturing date:	<b>2020 JUN 03</b>
Product release date:	<b>2020 JUN 15</b>
Expire date:	<b>2023-11</b>

	<b>Measured values</b>	<b>Specifications</b>
Ionic capacity	203 $\mu\text{mol Cl}^-/\text{ml}$	180-250 $\mu\text{mol Cl}^-/\text{ml}$
Efficiency	10609 N/m	> 6350 N/m
Asymmetry	1,25	0.75 - 1.50
Column backpressure at max recommended flow (450 cm/h, 6 ml/min, water)	0,05 MPa	Not specified
Bed height	101 mm	100 - 102 mm

This product is manufactured in Uppsala, Sweden. Country of origin is Sweden.

Issued **2021 OCT 14**

by



Susann Sandström  
QA Manager