

Certificate of Analysis

thermo scientific


POROS XQ Strong Anion Exchange Resin, 1,000 mL

Product No. 4467818
Lot No. XQ-083
Date of Manufacture 06MAY2021

| TEST | SPECIFICATION | RESULT |
|--|--------------------|---------------|
| PRODUCT APPEARANCE | | |
| White to Off-White Slurry | | Pass |
| FRONTAL CAPACITY SOP 4467917 | | |
| 5% Breakthrough with BSA | ≥ 140.0 mg/mL | 154.54 mg/mL |
| IONIC CAPACITY SOP 4467915 | | |
| Ionic Capacity ($\mu\text{mol/mL}$) | 80.0 - 130.0 | 101.88 |
| PROTEIN SEPARATION SOP 4467916 | | |
| Holo-Transferrin Retention | 11.4 - 15.2 mS/cm | 13.1230 mS/cm |
| Ovalbumin Retention | 20.0 - 25.0 mS/cm | 22.0400 mS/cm |
| Soybean Trypsin Inhibitor Retention | 27.0 - 34.0 mS/cm | 30.1000 mS/cm |
| FTIR ANALYSIS SOP BED3019 | | |

Pharmaceutical Grade Reagent. For Manufacturing and Laboratory Use only.

**Manufactured in compliance with our ISO 13485 certified quality management system. Site: 2
Preston Court Bedford, MA, USA**

 Life Technologies
5781 Van Allen Way
Carlsbad, CA, USA 92008
www.thermofisher.com
For inquiries, contact us at cofarequests@thermofisher.com


Quality Assurance
Issued 25MAY2021

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| TEST | SPECIFICATION | RESULT |
|---------------------------------------|---------------|--------------|
| Compares to Reference Spectrum | | Pass |
| TOTAL BIOBURDEN SOP 4371392 | | |
| Total Bioburden | <= 100 CFU/mL | <2.58 CFU/mL |

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