

# Certificate of Analysis

thermo scientific

## POROS XS 250ML BULK PK

Product No. 4404337  
Lot No. XS-268  
Date of Manufacture 18MAR2021

TEST	SPECIFICATION	RESULT
<b>PHYSICAL INSPECTION</b>		
Labels Correct and Intact		Pass
Caps Sealed with Tamper Proof Seal		Pass
<b>PRODUCT APPEARANCE</b>		
White to Off-White, Slurry		Pass
<b>FRONTAL CAPACITY</b> SOP 4399009		
5% Breakthrough with h-IgG	$\geq 102.0$ mg/mL	122.27 mg/mL
<b>IONIC CAPACITY</b> SOP 4389080		
Ionic Capacity	88.0 - 120.0 $\mu$ mo/mL	88.81 $\mu$ mo/mL
<b>PROTEIN SEPARATION</b> SOP 4404896		
Chymotrypsinogen Retention	12.8 - 15.6 min	14.47 min

*For Research Use Only. Not for use in diagnostic procedures.*

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

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5781 Van Allen Way  
Carlsbad, CA, USA 92008  
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*Sandra Gil*  
**Quality Assurance**  
**Issued 12APR2021**

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TEST	SPECIFICATION	RESULT
Cytochrome C Retention	20.0 - 24.6 min	22.11 min
Lysozyme Retention	29.6 - 36.7 min	32.17 min

### FTIR ANALYSIS

SOP BED3019

Compares to reference spectrum

Pass

### TOTAL BIOBURDEN

SOP 4371392

Total Bioburden

$\leq 100$  CFU/mL

<2.24 CFU/mL

### ENDOTOXIN

SOP BED3069

Endotoxin (EU/mL)

$\leq 1.0$  EU/mL

<0.543 EU/mL

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