Version 210426

Analysenzertifikat
Certificate of Analysis

CentriPure P2 Säulchen CentriPure P2 columns	Kat. Nr.: / Cat. No.: Lot / Contr. No.:	CP-0110 CM15A3500

Hydrated gel filtration columns for protein purification for process sample volumes of 150µL up to 300µL

Parameter **Parameter**	**Methode** **Method**	**Spezifikation** **Specification**	**Ergebnis** **Result**
Laufgeschwindigkeit: Flow Rate:	0,2mL Wasser 0.2mL water	<70 Sekunden <70 seconds	entspricht corresponds
Salz Entfernung: Salt Removal:	Konduktivitätsmessung bei 350µL Eluat bei Aufgabe von 200µL einer 0,8M NaCl Lösung. Conductivity of 350µL eluate from a 200µL 0.8M NaCl application.	<1000 µS/cm (1%) <1000 µS/cm (1%)	entspricht corresponds
Wiederfindung: Recovery Rate:	Wiederfindungsrate von Dextranblau aus 350µL Eluat bei Aufgabe von 200µL einer 0.5mg/mL Dextranblau-Lösung. Yield of Dextran Blue in 350µL eluate from a 200µL solution of 0.5mg/mL Dextran Blue.	>85% >85%	entspricht corresponds
Gelbett: Column bed:	Zetadex-25M, gewässert in deionisiertem Wasser Zetadex-25M, swollen in deionized water		
pH-Stabilität: pH Stability:	pH2 – pH13		entspricht corresponds
Konservierungsmittel: Preservative:	ProClin® 150		
Nächste QC: Next retest:		10/2024	

CentriPure P2 Gel Filtration Columns are designed for rapid and efficient removal of small molecules (salts, dyes, ammonia, haptens, biotin, etc.) from antibodies, enzymes and other proteins.

The gel matrix of CentriPure is Zetadex-25, a beaded composite material developed by emp Biotech composed partially of polymerized dextran. It exhibits high selectivity, high resolution and chemical stability. Molecules purified with Zetadex-25 are separated according to size. Smaller molecules pass significantly slower through the column than larger molecules. Buffer and pH effects on resolution are minimal. The size exclusion cut-off for Zetadex-25 is 5 kD for proteins. Proteins larger than 5 kD in a sample volume of up to 300µL can be purified with an elution volume of 300 to 500µL.

Versand: nicht gekühlt / Lagerung: bei +15°C bis +30°C, trocken lagern
Shipment: not cooled. / Storage: at +15°C to +30°C at a dry place

Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.
Dieses Dokument entbindet nicht von einer branchenüblichen Eingangskontrolle.
We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

Genaxxon bioscience GmbH

Datum/date: 28.10.2022

Dr. Norbert Tröndle

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