

Polymyxin B Agarose

Cat. No. Polymyxin B-1A **Lot. No.** (See product label)

SPECIFICATION

Product Overview

The polymyxin B is intended for use in low, medium, or high pressure chromatographic applications. The support consists of polymeric macroporous (1,000 ?) 45µm beads with USP Grade polymyxin B covalently attached. The main application of this product is the removal of endotoxin molecules from biological and aqueous solutions by affinity chromatography. For best performance, this product should be used in dust-free GMP-grade facilities, all buffers and solutions should be prepared with pyrogen-free water, and, after use, the matrix should be sanitized before use again by treatment with 0.1 N NaOH. Contact time with 0.1 N NaOH should be minimized. Chromatography can be performed at room temperature or at 4°C.

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Form aqueous glycerol suspension Supplied as a 50% suspension

Matrix Cross-linked 4% beaded agarose

Functional group Polymyxin B

Average particle size 52 – 165 µm

Dynamic binding capacity 200-500 µg/mL binding capacity (lipopolysaccharide)

Recommended flow 2,000 cm/hr

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rate

Chemical stability	High chemical stability (withstands sanitization with 0.1 M NaOH)
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pH CIP range	3-10
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