

## Anion exchanger MMC

**Cat. No.** MMC-58A    **Lot. No.** (See product label)

### SPECIFICATION

|                              |                                                                                                                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>      | Anion exchanger MMC is a multimodal anion exchanger for intermediate purification and polishing of monoclonal antibodies after the Protein A capture step, giving the possibility to design a two-step chromatographic downstream process |
| <b>Cat.no</b>                | MMC-58A                                                                                                                                                                                                                                   |
| <b>Matrix</b>                | Highly cross-linked agarose                                                                                                                                                                                                               |
| <b>Ion exchange capacity</b> | 0.09-0.12 mmol Cl-/ml medium                                                                                                                                                                                                              |
| <b>Average particle size</b> | 75 µm                                                                                                                                                                                                                                     |
| <b>Ligand</b>                | N-benzyl-n-methyl ethanolamine                                                                                                                                                                                                            |
| <b>Chemical stability</b>    | All commonly used aqueous buffers, 1 M acetic acid, 1 M sodium hydroxide. No significant change in ionic binding capacity and carbon content after one week storage in 1 M NaOH at 40°C.                                                  |
| <b>pH working range</b>      | 3-12                                                                                                                                                                                                                                      |
| <b>pH CIP range</b>          | 2-14                                                                                                                                                                                                                                      |
| <b>Shelf life</b>            | 5 years                                                                                                                                                                                                                                   |

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