

DurA Cycle A50

Reduces cost of goods, improving purification and extending lifetime.

Meeting Modern Demands of Cleaning-in-Place Protocols

As downstream purification advances, the use of enhanced cleaning-in-place (CIP) protocols has expanded to maintain product integrity and ensure high-quality biopharmaceuticals

DurA Cycle A50 is engineered to purify monoclonal antibodies (mAbs) and associated protein constructs under variable cleaning strategies.

Compared to standard affinity resins, DurA Cycle A50 offers mild pH elution, addressing aggregation and subsequent purity challenges.

Designed to reduce susceptibility to protein A leakage, DurA Cycle A50 offers an extended resin lifetime, lowering the cost per gram.

Purolite™ Chromatography Resins

DurA Cycle A50 is manufactured using patented Jetting technology, ensuring uniform particle size for enhanced quality and performance.

Jetting manufacturing supports sustainability through reduced use of harmful solvents and water usage. Compared to traditional methods, Jetting accelerates time to market with fewer production steps.

Key Features:

- **High capacity 50 µm bead**
- **Alkaline stable up to 0.5 M NaOH**
- **High dynamic binding capacity up to 80 g/L**
- **mAb pH elution up to 4.5**

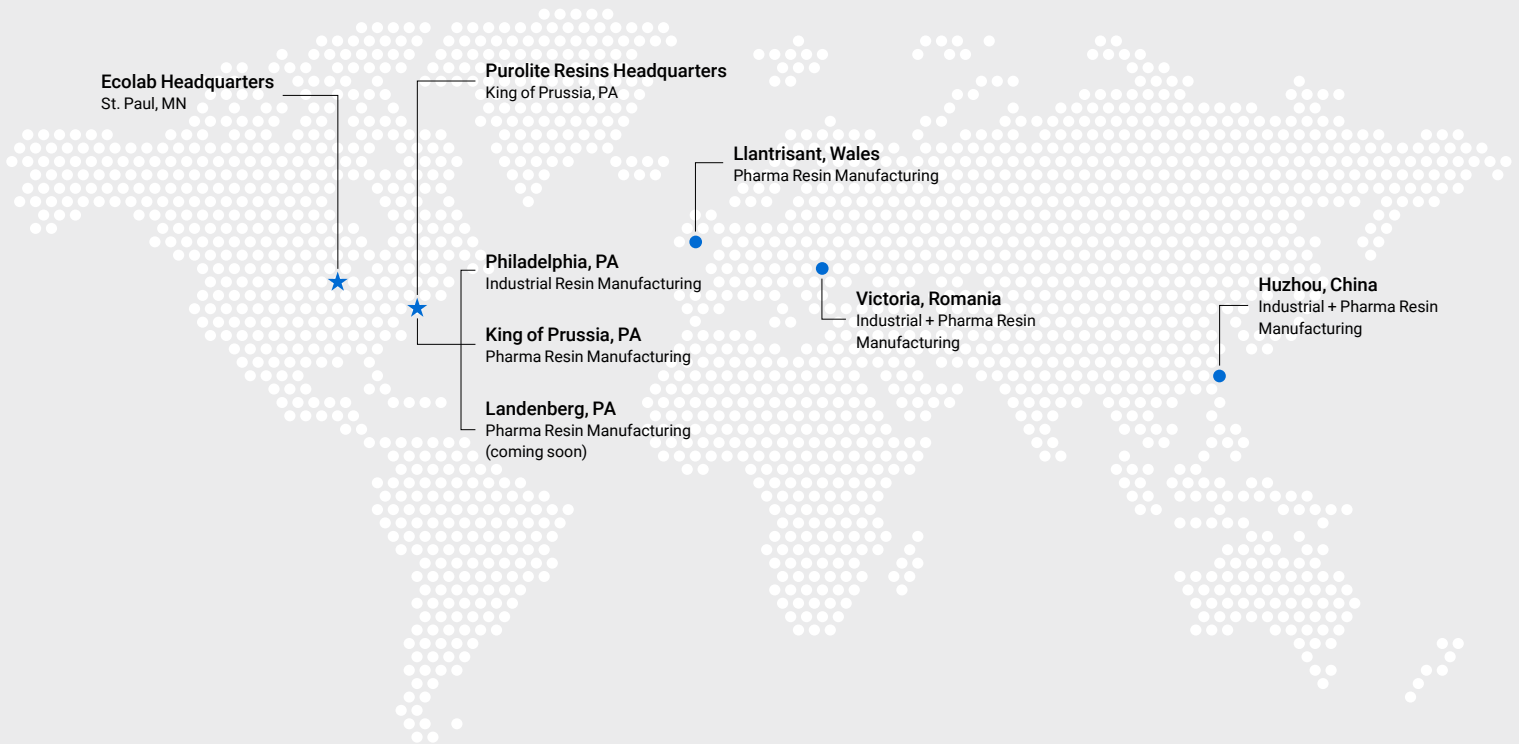
Target Binding Region:



Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.



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