

CERTIFICATE OF ANALYSIS

| | |
|-----------------------|---|
| Product: | WorkBeads™ Protein A |
| Storage solution: | 20% ethanol |
| Article number: | 40 605 001, 40 605 002, 40 605 003, 40 605 004, 40 605 005 |
| Lot number: | 154468 |
| Manufacturing date: | 2021 MAR 12 |
| Product release date: | 2021 MAR 30 |
| Expire date: | 2024-03 |

| | Measured values | Specifications |
|---|------------------------|-----------------------|
| Dynamic binding capacity (at 2.5 minutes residence time) | 55 mg IgG/ml resin | > 40 mg IgG/ml resin |
| Flow Stability (Linear flow in a 10 x 300 mm column) | >300 cm/h | ≥300 cm/h |
| Average particle size, Dv50 | 47 µm | 32-60 µm |
| Particle size range within 30-75 µm | 84.5 % | ≥ 80% |

This product is manufactured in Uppsala, Sweden. Country of origin is Sweden.

Issued **2021 MAR 30**

by



Johanna Tawe

Quality Assurance Manager