

**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** Pierce High Capacity Ni-IMAC MagBeads, EDTA Compatible

**PRODUCT NUMBER:** A50589

**LOT NUMBER:** ZE4315882

**SPECIFICATIONS:**

COLOR: Black

AGAROSE CONTENT: 5.8 - 6.2%

PARTICLE SIZE (D50): 10 - 40  $\mu\text{m}$

CHELATOR DENSITY (TESTED BY ADDITION OF CU<sup>2+</sup>): > 100  $\mu\text{mol/ml}$

PROTEIN BINDING CAPACITY (6XHIS GFP): 100 mg/ml

EDTA STABILITY (TESTED BY INCUBATION IN 20 MM EDTA): Binding capacity maintained

ALKALINE STABILITY (TESTED BY INCUBATION IN 500 MM NAOH): Binding capacity >90  $\mu\text{mol/ml}$

**RESULTS:**

COLOR: Passes test

AGAROSE CONTENT: Passes test

PARTICLE SIZE (D50): Passes test

CHELATOR DENSITY (TESTED BY ADDITION OF CU<sup>2+</sup>): Passes test

PROTEIN BINDING CAPACITY (6XHIS GFP): Passes test

EDTA STABILITY (TESTED BY INCUBATION IN 20 MM EDTA): Passes test

ALKALINE STABILITY (TESTED BY INCUBATION IN 500 MM NAOH): Passes test

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