

CERTIFICATE OF ANALYSIS

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

PRODUCT NUMBER: A50589

LOT NUMBER: ZC4211801

SPECIFICATIONS:

COLOR: Black

AGAROSE CONTENT: 5.8 - 6.2%

PARTICLE SIZE (D50): 10 - 40 μm

CHELATOR DENSITY (TESTED BY ADDITION OF Cu^{2+}): > 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^{2+}): 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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