

# Certificate of Analysis

## His60 Ni Buffer Set

Catalog No.	Amount	Lot Number
635665	20 purifications	Specified on product label.

### Description

The His60 Ni Buffer Set includes extraction, equilibration and elution buffers optimized for the purification of his-tagged proteins on His60 Ni Superflow Resin and His60 Ni Gravity Columns.

### Package Contents

- 2 x 250 ml His60 Ni Equilibration Buffer
- 200 ml His60 Ni Elution Buffer
- 100 ml His60 Ni xTractor™ Buffer

### Storage Conditions

- Store at 4°C.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Room temperature

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)

The following documents apply to this product:

- His60 Ni Superflow Resin & Gravity Column User Manual

### Quality Control Data

The His60 Ni Buffer Set was functionally tested using His60 Ni Superflow Resin and his-tagged GFPuv. One ml of His60 Ni Superflow Resin was saturated with a bacterial his-tagged GFPuv lysate in xTractor Buffer. The resin was washed two times with 5 ml of His60 Ni Equilibration Buffer (pH 7.4) and then two times with 5 ml of Wash Buffer (pH 7.4). Bound protein was eluted three times with 1 ml of His60 Ni Elution Buffer (pH 7.4). All eluted fractions were analyzed by electrophoresis on a 12% SDS polyacrylamide gel to verify the purity of the eluted protein. A strong his-tagged GFPuv protein band was evident in at least one elution lane.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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#### Takara Bio USA, Inc.

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### CATALOG NO.

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