Chemical compatibility:

Buffer compatibility	
Phosphate buffers:	Up to 100mM phosphate buffer recommended
Tris, HEPES & MOPS:	Up to 100 mM (secondary or tertiary amines may reduce the metal ions)
pH range:	3.0–12.0
Chelating agents	
*EDTA:	Up to 100 mM for metal ion stripping
Sulfhydril reagents	
β-mercaptoethanol:	Up to 20 mM (can cause some reduction of metal ions)
**DTT:	Up to 10 mM
TCEP:	Not recommended
Denaturants	
Urea:	8 M
Guanidinium hydrochloride:	6 M
Amino acids	
Glycine:	Not recommended
Glutamine:	Not recommended
Arginine:	Not recommended
Histidine:	Can be used at low concentrations (1–2 mM) to inhibit non specific binding and, at higher concentrations (>20 mM), to elute the His-tagged protein from the column
Detergents	
DM (n-Decyl-β-Dmaltopyranoside):	1.00%
DDM (n-Dodecyl-β-Dmaltoside):	1.00%
NM (n-Nonyl-β-Dglucopyranoside):	1.00%
OG (n-Octyl-β-Dglucopyranoside):	1.50%
TDM (n-Tetradecyl-β-Dmaltopyranoside):	0.005%
Triton®:	2.00%
Tween®:	2.00%
NP-40:	2.00%
Cymal 6:	1.00%
Fos-Choline 16:	0.05%
CHAPS:	up to 1%
Other additives	
Imidazole:	500 mM
NaCl:	2.0 M (recommended concentration 300 mM)
$MgCl_2$:	Up to 4 M
$CaCl_2$:	Up to 5 mM
Glycerol:	Up to 50%
Methanol:	100%
Ethanol:	100%
Acetonitrile:	30% (v/v)

*NOTE: Stability measured after 1 hour incubation with 1.5 mM EDTA results in an overall decay in binding capacity of 46%.

**NOTE: Stability measured after 1 hour incubation with 10 mM DTT results in an overall decay in binding capacity of 22%.