

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-14 17:05:42

Date of Next Testing: 2025-06-14 17:05:42

Product Name: NeutrAvidin Protein

Lot #: ZJ24F0606766

SKU #: N638951

Version: 7

Analysis #: 005353

Source: Native

Specifications & Purity:

Concentration:

Formulation:

Reconstitution:

Solid

Reconstitute NeutrAvidin Protein with ultrapure water and then dilute to 1 mg/mL with PBS or other buffer.

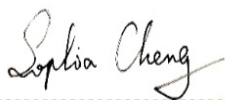
NeutrAvidin Protein is not directly soluble in phosphate-buffered saline (PBS). NeutrAvidin Protein can precipitate in solutions close to its isoelectric point (6.3 ± 0.3).

Solutions containing 10% glycerol may aid initial solubilization and prevent precipitation. Glycerol does not interfere with NeutrAvidin Protein's ability to bind biotin.

Storage Conditions: Store at 2-8°C, Avoid repeated freezing and thawing

Analysis: 005353

Parameter	Limit Value	Result
Molecular Weight	54-66(kD)	60.00000 kD
Specific Activity(biotin bound / protein)	11-17(μ g/mg)	15.00000 μ g/mg
Appearance(N638951)	White to off-white, free-flowing powder, free of foreign matter	White to off-white, free-flowing powder, free of foreign matter



Sophia Cheng
Quality Assurance