

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                                                                                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-03-05 16:31:22                                                                                                                                                                                                               |
| Date of Next Testing:    | 2030-03-04 16:31:22                                                                                                                                                                                                               |
| Product Name:            | Transferrin (Partially Iron Saturated) from Human Plasma                                                                                                                                                                          |
| Lot #:                   | ZJ26F0332507                                                                                                                                                                                                                      |
| SKU #:                   | T754984                                                                                                                                                                                                                           |
| Version:                 | 1                                                                                                                                                                                                                                 |
| Analysis #:              | 028765                                                                                                                                                                                                                            |
| Source:                  | Native                                                                                                                                                                                                                            |
| Specifications & Purity: | BioReagent, Native, Tissue Culture Grade, ≥98% (SDS-PAGE), Iron Content: 300-600µg/g; Pre-lyophilization Protein Concentration: See COA                                                                                           |
| Concentration:           |                                                                                                                                                                                                                                   |
| Formulation:             | Lyophilized                                                                                                                                                                                                                       |
| Reconstitution:          | After centrifugation, we suggest addition of de-ionized H2O to the original volume (See COA), followed by gentle mixing to ensure adequate homogenization. If further dilution is required, please use the lyophilization buffer. |
| Storage Conditions:      | Store at -20°C, Avoid repeated freeze-thaw cycles                                                                                                                                                                                 |
| Analysis:                | 028765                                                                                                                                                                                                                            |

| Parameter                | Limit Value        | Result             |
|--------------------------|--------------------|--------------------|
| Molecular Weight         | 72-88(kD)          | 76.06557 kD        |
| Appearance(T754984)      | Lyophilized powder | Lyophilized powder |
| Protein Content ≥90%     | Conform            | Conform            |
| Purity(SDS-PAGE)≥98%     | Conform            | Conform            |
| Iron Content 300-600ug/g | Conform            | Conform            |
| Loss on drying ≤10%      | Conform            | Conform            |
| pH(7.0-7.5)              | Conform            | Conform            |



Sophia Cheng  
Quality Assurance