

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| Date of Testing:      | 2024-04-03 16:17:43                                                      |
| Date of Next Testing: | 2026-04-03 16:17:43                                                      |
| Product Name:         | FR104 (anti-CD28)                                                        |
| SKU #:                | Ab177870                                                                 |
| Lot #:                | ZJ24F0404150                                                             |
| Clone ID:             |                                                                          |
| Isotype:              | Human IgG2                                                               |
| Source:               | CHO supernatant                                                          |
| Formulation:          | Liquid                                                                   |
| Concentration:        | 7.64mg/mL                                                                |
| Buffer Solution:      | Supplied as a 0.22µm filtered solution in 100mM Pro-Ac, 20mM Arg, pH 5.0 |
| Storage Conditions:   | Store at -80°C, Avoid repeated freezing and thawing                      |
| Analysis:             | 001811                                                                   |

| Parameter                | Limit Value       | Result            |
|--------------------------|-------------------|-------------------|
| Purity(SDS-PAGE)         | 95-100(%)         | 100.00000 %       |
| Molecular Weight         | 170.0-207.8(kD)   | 188.90000 kD      |
| Purity (SEC)             | 95-100(%)         | 100.00000 %       |
| Appearance(Ab177870)     | Colourless liquid | Colourless liquid |
| Endotoxin Level <1 EU/mg | Conform           | Conform           |
| Cell binding             | Conform           | Conform           |



Sophia Cheng  
Quality Assurance