



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Created March 10, 2019

Product: Donor Goat Serum
0.2µm sterile-filtered

Catalog #: 100-109

Lot #: E64H07J

Origin: United States (100%)

Manufacture Date: Dec 2018

Expiration Date: Dec 2021

| TEST | SPECIFICATION | RESULTS |
|--------------------------------|-----------------|---------------|
| Biological Testing | | |
| Endotoxin | Test and Report | None Detected |
| Hemoglobin | Test and Report | 15.45 mg/dL |
| Microbiological Testing | | |
| Sterility | | |
| Bacteria | No Growth | No Growth |
| Fungi | No Growth | No Growth |
| Mycoplasma | None Detected | None Detected |
| Physical Testing | | |
| pH | 7.0 - 8.5 | 8.0 |
| Biochemical Testing | | |
| Total Protein | Test and Report | 7.3 g/dl |

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.

[Signature] 11 Mar 2019

Created by/ date

[Signature] 11 Mar 2019

Verified by/ date