



## Certificate of Analysis

**Product Description:** Donor Horse Serum  
**Batch No:** 31559100  
**Country of Origin:** United Kingdom  
**Process:** Sterile filtered to 0.1µm  
**Storage:** -15°C or below  
**Expiry:** 2021.11

### Sterility Testing

Bacteria	Not Detected
Yeasts and Fungi	Not Detected
Mycoplasma	Not Detected
Viruses:	
Equine Infectious Anaemia	Not Detected
Equine Viral Arteritis	Not Detected

### Physical and Biochemical Analysis

pH	7.39 at 22°C
Osmolality	291 mOsmol/kg
Haemoglobin	0.179 mg/ml
Total Protein	74.92 mg/ml
Endotoxin	0.491 EU/ml
Visual check	Straw coloured frozen liquid

### Functional Testing

Cell Growth (L929)	113% of control
Cell Growth (SP2)	107% of control
Plating Efficiency (L929)	120% of control

No evidence of cytotoxicity noted

All test results were obtained from samples confirmed as taken from a homogenous batch

Documentation approval

 14.08.2017  
Quality Assurance – Date

Product Release

K. Beischke 14.08.2017.  
Quality Control - Date

**TCS Biosciences Ltd**

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# Certificate of Registration

## QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that:

TCS Biosciences Limited  
Botolph Claydon  
Buckingham  
MK18 2LR  
United Kingdom

Holds Certificate Number:

FS 28907

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

**The procurement, manufacture and sale of a range of diagnostic products for clinical, pharmaceutical, food and environmental laboratory testing.**

For and on behalf of BSI:



Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 1994-08-11

Latest Revision Date: 2019-01-17

Effective Date: 2019-01-27

Expiry Date: 2022-01-26

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# Certificate of Registration

## ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

TCS Biosciences Ltd  
Botolph Claydon  
Buckingham  
MK18 2LR  
United Kingdom

Holds Certificate Number:

EMS 590359

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

**The procurement, manufacture and sale of a range of diagnostic products for clinical, pharmaceutical, food and environmental laboratory testing.**



For and on behalf of BSI:

Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 2013-06-10

Latest Revision Date: 2019-01-18

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