

POC Growth Supplement

Cat GGS-JL-0013
Pack size Supplied: 20mls

GTIN-13: 5060174130151
Date of original issue: January 2012
Date of current issue: January 2015
Revision date: June 2015

ProCell™ Reagents

Patent Pending

PRODUCT DESCRIPTION

PRODUCT DESCRIPTION

POC Growth Supplement

Is a media additive that greatly improves cell growth and morphology in primary cells found in post-mortem foetuses and products of conception (POC) in culture by exposing these cells to growth factors and cofactors that are known growth promoters.

POC Growth Supplement

Has a marked stimulatory effect on post-mortem foetuses and products of conception (POC) cells in culture. It is a complex mixture containing growth factors and cofactors dissolved in a buffered DMEM medium.

Advantages that will be seen in POC cultures are the following:

- a significant improvement in cell growth
- improved morphology
- a decrease in turn-around times due to better growth

PROCEDURE

POC Growth Supplement is a 10x concentrate, so should be used at an end concentration 10% v/v in normal foetal calf supplemented culture medium (Hams F10, RPMI, MEM Dulbecco, MEM Earle). Do not use in greater concentrations, as a medium nor as a FCS replacement. Where possible two cultures should be set up per specimen, one supplemented with POC Supplement and one without.

QUALITY CONTROL

All batches are tested on established cell lines, with mitotic index and morphology assessed using phase contrast microscopy.

STORAGE

Store refrigerated until used. Do not freeze.
Store away from light.
For laboratory research use only.

IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product: Cat# GGS-JL-0013 **POC Growth Supplement**
A **Laboratory Reagent** for research purposes only. **Strictly Not for Human Therapeutic Use**

Company details:

Genial Genetics
The Printworks
Sealand Road
Chester
CH1 4QS
United Kingdom

Combined Telephone and Fax Number: +44 (0) 1244 757 155

COMPOSITION AND COMPONENT DATA

Proprietary product (Patent pending): containing a mixture of growth factors dissolved in a buffered MEM medium.

HAZARDS IDENTIFICATION

Non-hazardous

FIRST-AID MEASURES

AFTER INHALATION

Remove from exposure, if difficulty in breathing seek medical advice.

AFTER EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. If ingested - Give large quantities of water. Seek medical advice.

AFTER SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

FIRE FIGHTING MEASURES

Not applicable

ACCIDENTAL RELEASE MEASURES

Wear a lab coat and rubber gloves, wipe with paper tissues and place in plastic bag for proper disposal.

HANDLING AND STORAGE

Keep container tightly closed when not in use.

Stored in dark container at 4°C

Correctly stored product is stable at 4°C for 12 months.

EXPOSURE CONTROL AND PERSONAL PROTECTION

Only work in a Class 2 Biological Safety Cabinet

Always wear a lab coat and rubber gloves.

Wash hands after handling.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear pink-red liquid

Boiling Point: As for water (prepared working solution)

Vapour Pressure (pascals): As for water (prepared working solution)

Specific Gravity: 1.0 (Water = 1) (prepared working solution)

Flashpoint: N/A

Flammability Limits (%): N/A

TOXICOLOGICAL INFORMATION

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. May be a mild irritant.

Not a known carcinogen.

STABILITY AND REACTIVITY

Product is stable under normal conditions.

Avoid strong oxidising agents

ECOLOGICAL INFORMATION**Toxicology**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

DISPOSAL CONSIDERATIONS

Use approved government contractor.

Observe all International, National, State and Local environmental laws.

Contaminated packaging

Dispose of as unused product.

TRANSPORT INFORMATION

Does not contain DOT classified ingredients.

Not regulated as a hazardous material.

REGULATORY INFORMATION

S 36/ 37 – Wear suitable protective clothing and gloves

S 7/ 47 – Keep container tightly closed and at temperature not exceeding 4°C

OTHER INFORMATION

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Genial Genetic Solutions Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.