

MATERIAL SAFETY DATA SHEET
安全化学原料成分表

1、 Product Identification 产品描述

- 1) Product Name 产品名称: MSCs cell culture medium (Sample) MSC-T4, 间充质干细胞培养基 (样品)
2) Catalog No 产品编号: 04304P05
3) Chemical Component 化学成分:

Components 成分	Content% 百分比含量 (%)
Pure Water 纯水	>97
Inorganic salts 无机盐	1.0
Pyridoxine hydrochloride 盐酸吡哆辛	0.0345
Choline chloride 氯化胆碱	0.0042
Amino acids 氨基酸	0.1
NaCl 氯化钠	0.80
Na ₂ HP04 磷酸氢二钠	0.29
KH ₂ P04 H ₂ O 磷酸二氢钾	0.02
KCl 氯化钾	0.02
CuSO ₄ 5H ₂ O 硫酸铜	<0.0001
FeSO ₄ 7H ₂ O 硫酸铁	<0.0001
MnSO ₄ 5H ₂ O 硫酸镁	<0.0001
CoCl ₂ 6H ₂ O 氯化钴	<0.0001
Vitamins 维生素	<0.005
Nucleosides 核苷	<0.01
Oxalacetic acid 草酰乙酸	0.013
Cholesterol and Lipids 胆固醇和脂质	<0.0001
2-Aminoethanol 2-乙醇胺	<0.0001
HEPES 缓冲液	0.198
D-calcium pantothenate 右旋泛酸钙	0.443

4) Characterization 外观特征:

Color 颜色: Orange/red clear liquid. 橘红/红色清晰液体

Odor气味: Vitamin like类似维生素

pH : 7-8

Osmotic Pressure渗透压: 280-310 mOsmol/Kg H₂O

Boiling Point沸点: 98°C

2、 Known Hazards已知危害

There are no known hazards identified with this multi-component product本产品是多组分产品目前还没有危害。

3、 Precautions for Safe Handling and Use安全操作和使用注意事项

1) May cause eye and skin irritation, and allergic reaction in sensitized individuals.可能引起眼睛或皮肤刺激性，个体会产生过敏反应。

2) Wear safety glasses, lab coat and suitable gloves. Wash thoroughly after handling. When not in use, keep in tightly closed container. 请带安全眼罩，实验室外套和手套使用后清洁处理，当不用时密闭容器保存。

3) The heating at the high temperature generates carbon dioxide and raises pressure in the airtight container. 在高温的调价下加热产生CO₂气体，可提高容器内的压力。

4、 Disposal Considerations处置注意事项

Dilute with large amount of water, and dispose in a manner consistent with federal, state and local regulation. 用大量水稀释处理，和地方相关法规相一致的处理措施

5、 Storage Information: Store in tightly closed container at 2-8 deg C

储存条件: 存放于2-8°C密闭集装箱.

株式会社细胞研究所

CELL SCIENCE & TECHNOLOGY INST., Inc.

1-16-16 Seikaen , Aoba-ku Sendai, 982-0262 Japan

TEL +81-22-399-6608 FAX +81-22-399-6638

e-mail: technicalinfo@cstimedia.com