

Doc. No.	Rev	Effective Date
PI22	2	08JUL2024

CMRL-1066 Medium without Phenol Red and without L-Glutamine

Product Description

CMRL-1066 is a chemically defined medium developed in the late 1960's at the Connaugh Medical Research Laboratories. CMRL-1066 was designed initially for use with mouse L-cells in non-supplemented culture. Although developed for use in serum-free culture, CMRL-1066 can be supplemented with serum and used to support the growth of many cell types. Suitable for growing a wide variety of cell types, especially fibroblast-like cells.

Product Specification

Inorganic Salts

Calcium Chloride, anhydrous	0.2
Magnesium Sulphate, anhydrous	0.09769
Potassium Chloride	0.4
Sodium Acetate, anhydrous	0.05
Sodium Chloride	6.8
Sodium Phosphate Monobasic, anhydrous	0.122

Amino Acids

L-Alanine	0.025
L-Arginine	0.05787
L-Aspartic Acid	0.03
L-Cysteine•HCL•H2O	0.26
L-Cystine•2HCl	0.026
L-Glutamic Acid, Sodium	0.075
L-Glutamine	Absent
Glycine	0.05

QUALITY - TRACEABILITY - INTEGRITY

Life Science Production

The Science Centre, 1 Blaydon Road, Sandy, Bedfordshire, SG19 1RZ

Tel: +44 (0) 1234 889180 Email: sales@lifesciencegroup.co.uk Web: www.lifesciencegroup.co.uk

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L-Histidine•HCl•H ₂ O	0.02
trans-4-Hydroxy-L-Proline	0.01
L-Isoleucine	0.02
L-Leucine	0.06
L-Lysine•HCl	0.07
L-Methionine	0.015
L-Phenylalanine	0.025
L-Proline	0.04
L-Serine	0.025
L-Threonine	0.03
L-Tryptophan	0.01
L-Tyrosine	0.04
L-Valine	0.025

Vitamins

PABA	0.00005
L-Ascorbic Acid•Na	0.05
D-Biotin	0.00001
Choline Chloride	0.0005
Coenzyme A•Na	0.0025
Coccarboxylase	0.001
2'-Deoxyadenosine	0.01
2'-Deoxycytidine•HCl	0.0116
2'-Deoxyguanosine	0.01
Folic Acid	0.00001
myo-Inositol	0.00005
5-Methyldeoxycytidine	0.0001
β-NAD	0.007
β-NADP•Na	0.001

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Nicotinic Acid	0.000025
Niacinamide	0.000025
D-PantothenicAcid•Ca	0.00001
Pyridoxal•HCl	0.000025
Pyridoxine•HCl	0.000025
Riboflavin	0.00001
Flavin Adenine Dinucleotide•2Na	0.000106
Thiamine•HCl	0.00001

Other

Cholesterol	0.0002
Thymidine	0.01
D-Glucose	1.00
D-Glucuronic Acid•Na	0.00388
Glutathione	0.01
Phenol Red, Sodium	Absent
Tween80	0.005
Uridine-5-Triphosphate•4Na	0.001

Product Presentation

Product Code	Product Description	Size
LSGCMRL1066-001A	CMRL-1066 Cell Culture Media	500mL

Storage

Product is stored at +4°C

Shelf life

18 months

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For Cell Culture, further Manufacturing and Research use only. Not approved for human or veterinary use, for application to humans or animals, or for use in therapeutic, clinical or *in vitro* procedures.

Support

To learn more, contact us by phone at +44 1234 889180 or email sales@lifesciencegroup.co.uk

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