

COMPOSITION

Ham's F14 (F-14 Nutrient Medium)

CAS
number

L0138
Liquid
mg/l

Amino Acids

	CAS number	L0138 Liquid mg/l
Glycine	56-40-6	15
L-Alanine	56-41-7	17,8
L-Arginine Monohydrochloride	1119-34-2	422
L-Asparagine Anhydrous	70-47-3	26
L-Aspartic Acid	56-84-8	26,6
L-Cysteine Monohydrochloride Monohydrate	7048-04-6	72
L-Glutamic Acid	56-86-0	29,4
L-Histidine Monohydrochloride Monohydrate	5934-29-2	42
L-Isoleucine	73-32-5	8
L-Leucine	61-90-5	26
L-Lysine Monohydrochloride	657-27-2	73
L-Methionine	63-68-3	8,94
L-Phenylalanine	63-91-2	10
L-Proline	147-85-3	69
L-Serine	56-45-1	21
L-Threonine	72-19-5	24
L-Tryptophan	73-22-3	4
L-Tyrosine	60-18-4	10,8
L-Valine	72-18-4	23,4

Inorganic Salts

	CAS number	L0138 Liquid mg/l
Calcium Chloride Dihydrate	10035-04-8	294
Cupric Sulfate Pentahydrate	7758-99-8	0,0025
Ferrous Sulfate Heptahydrate	7782-63-0	0,834
Magnesium Chloride Hexahydrate	7791-18-6	172,9
Magnesium Sulfate Heptahydrate	10034-99-8	37
Potassium Chloride	7447-40-7	372,8
Sodium Bicarbonate	144-55-8	1974
Sodium Chloride	7647-14-5	7599
Sodium Phosphate Dibasic Anhydrous	7558-79-4	141,8
Zinc Sulfate Heptahydrate	7446-20-0	0,144

Vitamins

	CAS number	L0138 Liquid mg/l
Ascorbic Acid	50-81-7	14,97
Choline Chloride	67-48-1	14
D-Biotin	58-85-5	0,0073
D-Ca Pantothenate	137-08-6	0,258
Folic Acid	59-30-3	1,3
Myo-Inositol	87-89-8	18
Nicotinamide (Nicotinic acid amide)	98-92-0	0,036
Pyridoxine Hydrochloride	58-56-0	0,06
Riboflavin	83-88-5	0,037
Thiamine Hydrochloride	67-03-8	0,3
Vitamin B12	68-19-9	1,36

O.C.*

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Adenosine-5-Triphosphate x 2Na	51963-61-2	1,193
D-Glucose Anhydrous	50-99-7	6000
Hypoxanthine	68-94-0	4,1
Linoleic Acid	60-33-3	0,084
Phenol Red Solution Salt	34487-61-1	1,2
Putrescine+2HCL	333-93-7	0,161
Sodium Pyruvate	113-24-6	220
Thioctic Acid	1077-28-7	0,21
Thymidine	50-89-5	0,73

* Other Components