

# COMPOSITION

## Iscove's Modified Dulbecco's Medium (IMDM)

	CAS number	L0190 Liquid mg/l	L0191 Liquid mg/l	L0192 Liquid mg/l	P0191 Powder mg/l	P0192 Powder mg/l
Amino Acids	Glycine	56-40-6	30	30	30	30
	L-Alanine	56-41-7	25	25	25	25
	L-Alanyl-L-Glutamine (Glutamine stable)	39537-23-0	/	862	/	/
	L-Arginine Monohydrochloride	1119-34-2	84	84	84	84
	L-Asparagine Monohydrate	5794-13-8	28,4	28,4	28,4	28,4
	L-Aspartic Acid	56-84-8	30	30	30	30
	L-Cystine Dihydrochloride	30925-07-6	91,24	91,24	91,24	91,24
	L-Glutamic Acid	56-86-0	75	75	75	75
	L-Glutamine	56-85-9	584	/	/	584
	L-Histidine Monohydrochloride Monohydrate	5934-29-2	42	42	42	42
	L-Isoleucine	73-32-5	105	105	105	105
	L-Leucine	61-90-5	105	105	105	105
	L-Lysine Monohydrochloride	657-27-2	146	146	146	146
	L-Methionine	63-68-3	30	30	30	30
	L-Phenylalanine	63-91-2	66	66	66	66
	L-Proline	147-85-3	40	40	40	40
	L-Serine	56-45-1	42	42	42	42
L-Threonine	72-19-5	95	95	95	95	
L-Tryptophan	73-22-3	16	16	16	16	
L-Tyrosine Disodium Salt Dihydrate	122666-87-9	103,79	103,79	103,79	103,79	
L-Valine	72-18-4	94	94	94	94	
Inorganic Salts	Calcium Chloride Dihydrate	10035-04-8	219	219	219	219
	Magnesium Sulfate Anhydrous	7487-88-9	97,67	97,67	97,67	97,67
	Potassium Chloride	7447-40-7	330	330	330	330
	Potassium Nitrate	7757-79-1	0,076	0,076	0,076	0,076
	Sodium Bicarbonate	144-55-8	3024	3024	3024	/
	Sodium Chloride	7647-14-5	4505	4505	4505	4505
	Sodium Phosphate Monobasic Anhydrous	7558-80-7	109	109	109	109
Sodium Selenite	10102-18-8	0,017	0,017	0,017	0,017	
Vitamins	Choline Chloride	67-48-1	4	4	4	4
	D-Biotin	58-85-5	0,013	0,013	0,013	0,013
	D-Ca Pantothenate	137-08-6	4	4	4	4
	Folic Acid	59-30-3	4	4	4	4
	Myo-Inositol	87-89-8	7,2	7,2	7,2	7,2
	Nicotinamide (Nicotinic acid amide)	98-92-0	4	4	4	4
	Pyridoxal Hydrochloride	65-22-5	4	4	4	4
	Riboflavin	83-88-5	0,4	0,4	0,4	0,4
	Thiamine Hydrochloride	67-03-8	4	4	4	4
	Vitamin B12	68-19-9	0,013	0,013	0,013	0,013
O.C.*	D-Glucose Anhydrous	50-99-7	4500	4500	4500	4500
	Hepes Free Acid	7365-45-9	5958	5958	/	5958
	Phenol Red Sodium Salt	34487-61-1	16	16	16	/
	Sodium Pyruvate	113-24-6	110	110	110	110

\* Other Components