Dulbecco's Modification of Eagle's Medium (DMEM) Formulation

Catalog no.	319-905 10X, Liquid DMEM
Inorganic Salts	**g/L**
$CaCl_2$ (anhydrous)	2.65
$Fe(NO_3)_3 \cdot 9H_2O$	0.001
KCl	4.00
$MgSO_4$ (anhydrous)	0.9767
NaCl	64.00
NaH_2PO_4	1.09
$NaHCO_3$	-----
Amino Acids	**g/L**
L-Arginine·HCl	0.84
L-Cystine·2HCl	0.626
L-Glutamine	-----
Glycine	0.3
L-Histidine·HCl·H_2O	0.42
L-Isoleucine	1.05
L-Leucine	1.05
L-Lysine·HCl	1.46
L-Methionine	0.3
L-Phenylalanine	0.66
L-Serine	0.42
L-Threonine	0.95
L-Tryptophan	0.16
L-Tyrosine	1.13
L-Valine	0.94
Vitamins	**g/L**
D-Calcium pantothenate	0.04
Choline chloride	0.04
Folic acid	-----
i-Inositol	0.072
Nicotinamide	0.04
Pyridoxine·HCl	0.04
Riboflavin	0.004
Thiamine·HCl	0.04
Other	**g/L**
D-Glucose	10.0
Phenol red, Na	0.159
Sodium pyruvate	1.1
Specifications	
pH (after buffer)	1.8 – 2.0
Osmolality (mOsm/kg)	INFO