

Certificate of Analysis



SILANTES GmbH, Gollierstraße 70 C // 4, 80339 München, Germany

Product Name:	Silantes SILAC-DMEM, 1*500ml
Product Number:	280001200
Lot Number:	
Storage:	4°C or room temperature

Silantes GmbH certifies that this material does conform to the specifications stated below:

	Description	LOT RESULTS
ISOTOPE	Unlabeled	CONFORMS
COMPOSITION	DMEM (Dulbecco's Modified Eagle Medium, without stable glutamine, without arginine and lysine), sterile, 500mL L-Stable Glutamine (200mM) 5ml for 500mL DMEM, to get 2mM concentration	CONFORMS

Formulation DMEM (mg/l)

Inorganic Salts

Calcium Chloride anhydrous	264.00
Ferric(III)-Nitrate • 9H ₂ O	0.10
Potassium Chloride	400.00
Magnesium Sulphate anhydrous	97.66
Sodium Chloride	6400.00
Sodium Dihydrogen Phosphate • H ₂ O	125.00
Sodium Hydrogen Carbonate	3700.00

Amino Acids

L-Arginine	0.00
L-Cystine	48.00
L-Glutamine	0.00
Glycine	30.00
L-Histidine • HCl • H ₂ O	42.00
L-Isoleucine	104.80
L-Leucine	104.80
L-Lysine • HCl	0.00

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Amino Acids

L-Methionine	30.00
L-Phenylalanine	66.00
L-Serine	42.00
L-Threonine	95.20
L-Tryptophan	16.00
L-Tyrosine	72.00
L-Valine	93.60

Vitamins

D-Calcium-Pantothenate	4.00
Choline Chloride	4.00
Folic Acid	4.00
Myo-Inositol	7.20
Nicotinamide	4.00
Pyridoxal • HCl	4.00
Riboflavin	0.40
Thiamine • HCl	4.00

Other Components

D-Glucose anhydrous	4500.0
Phenol Red	15.00
Sodium Pyruvate	110.00

This Product Is For Laboratory Use Only

Silantes GmbH manufactures highly pure research compounds which are produced for research applications only. Persons intending to use these products for other applications do so at their own responsibility and must comply with all appropriate regulations. Local regulatory authorities should be consulted