

Certificate of Analysis



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

Product Name:	Silantes SILAC-RPMI-1640 1 x 500ml
Product Number:	283001200
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	RPMI-1640 (without stable glutamine, without arginine and lysine), sterile, 500mL L-Stable Glutamine (200mM) 5ml for 500mL RPMI, to get 2mM concentration.	CONFORMS

Formulation RPMI-1640

(mg/l)

Inorganic Salts

Calcium Chloride x 2H ₂ O	62.30
Potassium Chloride	400.00
Magnesium Sulphate anhydrous	48.83
Sodium Chloride	6000.00
Di-Sodium Hydrogen Phosphate	800.00
Sodium Hydrogen Carbonate	2000.00
Sodium Nitrate	72,00

Amino Acids

L-Arginine	0.00
L-Asparagine H ₂ O	50.00
L-Aspartic Acid	20.00
L-Cystine	50.00
L-Glutamic Acid	20.00
Glycine	10.00
L-Histidine	15.00
L-Hydroxyproline	20.00

Certificate of Analysis

L-Isoleucine	50.00
Amino Acids	
L-Leucine	50.00
L-Lysine HCl	0.00
L-Methionine	15.00
L-Phenylalanine	15.00
L-Proline	20.00
L-Serine	30.00
L-Threonine	20.00
L-Tryptophan	5.00
L-Tyrosine 2 Na	20.00
L-Valine	20.00

Vitamins

P-Amino Benzoic Acid	1.00
D(+)-Biotin	0.20
D-Calcium-Pantothenate	0.25
Choline Chloride	3.00
Folic Acid	1.00
Myo-Inositol	35.00
Nicotinamide	1.00
Pyridoxine • HCl	1.00
Riboflavin	0.20
Thiamine • HCl	1.00
Vitamin B12	0.005

Other Components

D-Glucose anhydrous	2000.0
L-Glutathione red.	1.00
Phenol Red	5.00
NaHCO ₃	2000.0

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