



ISO 13485:2016 Certified | GMP Certified

2235 Cornell Ave. Montgomery, IL 60538 | (800) 246 - 4088 | CustomerService@Biologos.com | Biologos.com

SPECIFICATION SHEET

PRODUCT: RMPI 1640 (1X) Medium
with L-Glutamine & 25 mM HEPES Buffer
0.2µ Sterile Filtered

Catalog Number: **LR911**

MEDIA FORMULATION

LR911

RMPI 1640 (1X)

with L-Glutamine & 25 mM HEPES Buffer & Phenol Red

Components *mg/L*

INORGANIC SALTS

Calcium Nitrate, Tetrahydrate (Ca(NO ₃) ₂ •4H ₂ O)	100.0000
Potassium Chloride (KCl)	400.0000
MgSO ₄ , anhydrous	48.84000
Sodium Chloride (NaCl)	6000.000
Sodium Bicarbonate (NaHCO ₃)	2000.000
Sodium Phosphate Dibasic, Anhydrous (Na ₂ HPO ₄)	800.0000

OTHER COMPONENTS

D-Glucose, Anhydrous	2000.000
Glutathione (reduced)	1.000000
HEPES Buffer	5958.000
Phenol Red (Na)	5.000000

AMINO ACIDS

L-Arginine, Hydrochloride	242.3100
L-Asparagine, Anhydrous	50.00000
L-Aspartic Acid	20.00000
L-Cystine, Dhydrochloride	65.00000
L-Glutamic Acid	20.00000
L-Glutamine	300.0000
Glycine	10.00000
L-Histidine, Hydrochloride	15.00000
L-Hydroxyproline	20.0000
L-Isoleucine	50.0000
L-Leucine	50.0000
L-Lysine HCl	40.0000
L-Methionine	15.0000
L-Phenylalanine	15.0000
L-Proline	20.0000
L-Serine	30.0000
L-Threonine	20.0000
L-Tryptophan	5.00000
L-Tyrosine, Disodium, Dihydrate	29.0000
L-Valine	20.0000

Not for Human or Animal Consumption.

For Further Manufacturing Use Only.



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Table with 2 columns: Components, mg/L. Lists vitamins and their concentrations: Para-Aminobenzoic Acid (1.0000), Biotin (0.2000), D-Calcium Pantothenate (0.2500), Choline Chloride (3.0000), Folic Acid (1.0000), Myo-Inositol (35.0000), Niacinamide (1.0000), Pyridoxine HCl (1.0000), Riboflavin (0.2000), Thimaine HCl (1.0000), Vitamin B12 (0.0050).

References: Moore, G.E., et al., 1967, J.A.M.A., 199-519
Morton, H.J., 1970, In Vitro, 6:89

Table with 2 columns: ASSAY, SPECIFICATION. Rows include Appearance (Clear, red solution), pH (7.0 - 7.4), Osmolality (275 - 315 mOsm/Kg H2O), Sterility per 9 CFR 113.26, Fungal (NEGATIVE), Bacterial (NEGATIVE).

Storage: 2° - 8°C

Minimum Recommended Expiration Date: [18 months from date of manufacturing]

Approved by:

11/18/2019

Seth Rindner
Quality and Compliance Manager

Date

Customer Representative

Date

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