

DMEM/Ham's F-12 50/50 Mix

Cat. No.	10-090 1x, Liquid	10-092 1x, Liquid	15-090 1x, Liquid	16-405 1x, Liquid	90-090 Powder	90-091 Powder
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Other						
D-Glucose	3151.00	3151.00	3151.00	3151.00	3151.00	3151.00
HEPES	--	3574.80	--	--	--	--
Hypoxanthine, Na	2.385	2.385	2.385	2.385	2.385	2.385
DL-Thioctic Acid	0.105	0.105	0.105	0.105	0.105	0.105
Methyl lineoleate	0.044	0.044	0.044	0.044	0.044	0.044
Phenol red, Na	8.10	8.10	8.10	--	--	8.10
Putrescine • 2HCl	0.08	0.08	0.08	0.08	0.08	0.08
Sodium pyruvate	110.00	110.00	110.00	110.00	110.00	110.00
Thymidine	0.365	0.365	0.365	0.365	0.365	0.365
Add						
NaHCO ₃ -Powder (g/L)	--	--	--	--	2.438	2.438
-7.5% Solution (mL/L)	--	--	--	--	32.50	32.50
L-Glutamine -Powder (mg/L)	--	--	365.10	--	365.10	365.10
-200 mM Solution (mL/L)	--	--	12.50	--	12.50	12.50
Specifications						
pH (before buffer)	--	--	--	--	6.5 ± 0.2	6.5 ± 0.2
pH (after buffer)	7.2 ± 0.2	7.2 ± 0.2	7.2 ± 0.2	7.2 ± 0.2	7.8 ± 0.2	7.8 ± 0.2
Osmolality (mOsm/kg)	310 ± 30	335 ± 30	310 ± 30	310 ± 30	315 ± 15	315 ± 15
Grams of powder required to prepare 1L (1x Solution)	--	--	--	--	11.69	11.70

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