Dialyte© Bicarbonate Hemodialysis Concentrate
MC Bicarbonate Series (45.000x Dilution)

Final Dialysate composition after mixing of Acidic and alkaline concentrates with purified water according to the dilution ratios specified below:

Formula	Ca++ m.mol/	K+ m.mol	Mg++ m.mol/	Cl- m.mol/	Ace-tate	Dex-trose	Total Na	Bicar-bonate	Theoreti-cal Osmo-
MC-44-002	1.50	2.00	0.38	105.75	3.00	2.00	137.00	34.00	295
MC-44-005	1.50	1.00	0.38	104.75	3.00	2.00	137.00	34.00	293
MC-44-009	1.50	3.00	0.38	106.75	3.00	2.00	137.0	34.00	297
MC-44-017	1.25	2.00	0.38	105.25	4.00	1.00	137.00	33.00	288

Mixing 1 volume part of MC series and 1.665 volume parts of Carbolyte Basic 8.4% with 42.335 volume part of purified water USP or mixing 1 volume part of MC series and 1.786 volume parts of properly mixed Dialyte© Hemodialysis Grade Sodium Bicarbonate Powder 650g with 42.214 volume part of purified water USP will yield the above listed Electrolyte concentrations.
Test final dialysate for conductivity and pH.

Note:
Special formulae are available upon request .

CAUTION:
For use with Hemodialysis equipment calibrated to proportion at a ratio of 45x.

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Dialyte© Acetate Hemodialysis Concentrate
MC Acetate Series (35x Dilution)

Dialysate composition of acetate concentrate at dilution 1:34

Formula	Na+ m.mol/L	Ca++ m.mol/L	K+ m.mol/L	Mg++ m.mol/L	Cl- m.mol/L	Acetate m.mol/L	Dextrose g/L	Theoretical Osmolarity
MC-34-001	135.0	1.75	1.00	0.50	105.5	35.0	1.0	284

For every 35 volume parts of dialysate: mix 1 volume part of MC Acetate series with 34 volume part of purified water USP. Electrolyte concentrations listed above are based on this proportioning ratio. Actual machine settings determine final Electrolyte concentrations.

Test final Dialysate for conductivity and pH.

Note:
Special formulae are available upon request .

CAUTION:
For use with Haemodialysis equipment calibrated to proportion at a ratio of 35x.

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Dialyte© Bicarbonate Hemodialysis Concentrate
FR Bicarbonate Series (35.000x Dilution)

Final Dialysate composition after mixing of Acidic and alkaline concentrates with purified water according to the dilution ratios specified below:

Formula	Ca++ m.mol/L	K+ m.mol/L	Mg++ m.mol/L	Cl- m.mol/L	Acetate m.mol/L	Dextrose g/L	Total Na m.mol/L	Bicarbonate m.mol/L	Theoretical Osmolarity
FR-34-007	1.75	2.00	0.50	109.50	3.00	0.00	103.00	31.0	293
FR-34-014	1.75	2.00	0.50	109.50	4.00	2.00	103.00	31.0	293

Mixing 1 volume part of FR series and 1.225 volume parts of Carbolyte Basic 8.4% with 32.775 volume part of purified water USP or mixing 1 volume part of FR series and 1.314 volume parts of properly mixed Dialyte© Hemodialysis Grade Sodium Bicarbonate Powder 650g with 32.686 volume part of purified water USP will yield the above listed Electrolyte concentrations.
Electrolyte concentrations are based on these proportioning ratios. Actual machine settings determine final concentrations.

Test final Dialysate for conductivity and pH.

Note:
Special formulae are available upon request .

CAUTION:
For use with Hemodialysis equipment calibrated to proportion at a ratio of 35x.

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Dialyte© Bicarbonate Hemodialysis Concentrate
CA Bicarbonate Series (36.222x Dilution)

Final Dialysate composition after mixing of Acidic and alkaline concentrates with purified water according to the dilution ratios specified below:

Formula	Ca++ m.mol/L	K+ m.mol/L	Mg++ m.mol/L	Cl- m.mol/L	Acetate m.mol/L	Dextrose g/L	Total Na m.mol/L	Bicarbonate m.mol/L	Theoretical Osmolarity
C.A .I	1.90	1.03	1.03	110.60	3.08	2.05	137.50	30.7	297
C.A. V	1.50	1.03	1.03	109.85	3.08	2.05	137.50	30.7	296
C.A. VI	1.30	1.03	1.03	109.45	3.08	2.00	137.50	30.7	295
C.A. IX	1.90	0.00	1.00	109.00	3.10	2.10	137.00	30.7	295

Mixing 1 volume part of CA series and 1.222 volume parts of Carbolyte Basic 8.4% with 34.0 volume parts of purified water USP or mixing 1 volume part of CA series and 1.311 volume parts of properly mixed Dialyte© Hemodialysis Grade Sodium Bicarbonate Powder 650g with 34.0 volume part of purified water USP will yield the above listed Electrolyte concentrations.
Electrolyte concentrations are based on these proportioning ratios. Actual machine settings determine final concentrations.

Test final Dialysate for conductivity and pH.

Note:
Special formulae are available upon request .

CAUTION:
For use with Hemodialysis equipment calibrated to proportion at a ratio of 36.222x.

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