

Fresenius Kabi IV Solutions

Composition Tables



Multiple Electrolytes Solutions

Product Description	Sodium (mEq/L)	Potassium (mEq/L)	Calcium (mEq/L)	Magnesium (mEq/L)	Chloride (mEq/L)	Lactate (mEq/L)	Acetate (mEq/L)	Gluconate (mEq/L)	pH	Osmolarity (mOsmol/L) (calc)	Caloric Content (kcal/L)
Lactated Ringer's Injection, USP	130	4	2.7		109	28			6.5 (6.0 to 7.5)	273	9
Multiple Electrolytes Injection, Type 1, USP, pH 7.4	140	5		3	98		27	23	7.4 (6.5 to 8.0)	294	21

Sodium Chloride Solutions

Product Description	Sodium (mEq/L)	Chloride (mEq/L)	pH	Osmolarity (mOsmol/L) (calc)	Caloric Content (kcal/L)
0.9% Sodium Chloride Injection, USP	154	154	6.0; 5.6* (4.5 to 7.0)	308	
0.45% Sodium Chloride Injection, USP	77	77	6.0; 5.6* (4.5 to 7.0)	154	
3% Sodium Chloride Injection, USP	513	513	5.0 (4.5 to 7.0)	1,027	

*The pH in the 100mL and smaller container is 6.0; for the 250mL and larger containers, the pH is 5.6.

Dextrose Solutions

Product Description	Sodium (mEq/L)	Chloride (mEq/L)	pH	Osmolarity (mOsmol/L) (calc)	Caloric Content (kcal/L)
5% Dextrose Injection, USP			4.3 (3.2 to 6.5)	252	170
10% Dextrose Injection, USP			4.0 (3.2 to 6.5)	505	340
5% Dextrose and 0.9% Sodium Chloride Injection, USP	154	154	4.3 (3.5 to 6.5)	560	170
5% Dextrose and 0.45% Sodium Chloride Injection, USP	77	77	4.3 (3.5 to 6.5)	406	170
5% Dextrose and 0.3% Sodium Chloride Injection, USP	51	51	4.3 (3.5 to 6.5)	355	170
5% Dextrose and 0.225% Sodium Chloride Injection, USP	38.5	38.5	4.3 (3.5 to 6.5)	329	170
2.5% Dextrose and 0.45% Sodium Chloride Injection, USP	77	77	4.5 (3.2 to 6.5)	280	85

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Composition Tables



Potassium Chloride Containing Solutions

Product Description	Sodium (mEq/L)	Potassium (mEq/L)	Chloride (mEq/L)	pH	Osmolarity (mOsmol/L) (calc)	Caloric Content (kcal/L)
Potassium Chloride 20mEq in 5% Dextrose and 0.9% Sodium Chloride Injection, USP	154	20	174	4.2 (3.5 to 6.5)	600	170
Potassium Chloride 40mEq in 5% Dextrose and 0.9% Sodium Chloride Injection, USP	154	40	194	4.2 (3.5 to 6.5)	640	170
Potassium Chloride 10mEq in 5% Dextrose and 0.45% Sodium Chloride Injection, USP ¹	77	20	97	4.2 (3.5 to 6.5)	447	170
Potassium Chloride 10mEq in 5% Dextrose and 0.45% Sodium Chloride Injection, USP ²	77	10	87	4.2 (3.5 to 6.5)	426	170
Potassium Chloride 20mEq in 5% Dextrose and 0.45% Sodium Chloride Injection, USP	77	20	97	4.2 (3.5 to 6.5)	447	170
Potassium Chloride 30mEq in 5% Dextrose and 0.45% Sodium Chloride Injection, USP	77	30	107	4.2 (3.5 to 6.5)	467	170
Potassium Chloride 40mEq in 5% Dextrose and 0.45% Sodium Chloride Injection, USP	77	40	117	4.2 (3.5 to 6.5)	487	170
Potassium Chloride 10mEq in 5% Dextrose and 0.225% Sodium Chloride Injection, USP	38.5	20	58.5	4.2 (3.5 to 6.5)	370	170
Potassium Chloride 20mEq in 5% Dextrose and 0.225% Sodium Chloride Injection, USP	38.5	20	58.5	4.2 (3.5 to 6.5)	370	170

1. 500 mL fill size
2. 1000 mL fill size

For more information contact your IV Therapy Sales Representative or visit [freeflexivbags.com](https://www.freeflexivbags.com).



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