



Conversion from Non Standard Units (mEq%) to International Standard Units (mmol/L)

Monovalent (e.g. Potassium [K⁺], Sodium [Na⁺])

1 mEq = 1 mmol; 1 mEq% (1 mEq/100 mL) = 10 mmol/L

Divalent (e.g. Calcium [Ca⁺⁺], Magnesium [Mg⁺⁺])

1 mEq = 0.5 mmol; 1 mEq% (1 mEq/100 mL) = 5 mmol/L

Most Common:

		Current mEq% (mEq/100mL)	New mmol/L (mmol/1000 mL)
Monovalent	Potassium Chloride	1 mEq%	10 mmol/L
		2 mEq%	20 mmol/L
		4 mEq%	40 mmol/L
		6 mEq%	60 mmol/L
Divalent	Calcium Gluconate	1.6 mEq%	8 mmol/L

Others:

		Current mEq% (mEq/100mL)	New mmol/L (mmol/1000 mL)
Monovalent	Sodium (chloride or acetate)	3.85 mEq%	38.5 mmol/L
		5 mEq%	50 mmol/L
		7.7 mEq%	77 mmol/L
		10 mEq%	100 mmol/L
		15 mEq%	150 mmol/L
		15.4 mEq%	154 mmol/L
Divalent	Calcium	1 mEq%	5 mmol/L
		3.2 mEq%	16 mmol/L
	Magnesium	0.4 mEq%	2 mmol/L
		0.8 mEq%	4 mmol/L
		1 mEq%	5 mmol/L