

Potassium-Gluconate

- Considered relatively physiological
- aka Sun's GABAB internal

Compound	Final Conc. (mM)	MW	g / 95 mL
K-gluconate (D-gluconic acid)	100	234.24	2.34
MgCl ₂ ·6H ₂ O	9	203.3	0.183
KCl	13	74.54	0.0969
CaCl ₂ ·2H ₂ O	0.07	147	0.00103
Hepes	10	238.3	0.238
EGTA	10	380.4	0.380
Na ₂ ATP*	2	551.1	0.0105 g/9.5 mL
NaGTP*	0.5	523.2	0.00248 g/9.5 mL

* NOT ADDED YET (ADD TO 9.5 mL Aliquots)

pH = 7.3 adjusted with KOH