

Drosophila saline - Julian (1994)

Written by Administrator

Wednesday, 10 November 2010 14:21 - Last Updated Wednesday, 10 November 2010 17:09

Compound

mM

g/l

mOsM

Dissolve together in about 800 ml water while stirring:

NaCl

117.5

6.86

235

KCl

20

Drosophila saline - Julian (1994)

Written by Administrator
Wednesday, 10 November 2010 14:21 - Last Updated Wednesday, 10 November 2010 17:09

1.49

40

CaCl	2	.2H	2	C
------	---	-----	---	---

2

0.29

6

MgCl	2	.6H	2	C
------	---	-----	---	---

2

0.41

6

Glucose

Drosophila saline - Julian (1994)

Written by Administrator

Wednesday, 10 November 2010 14:21 - Last Updated Wednesday, 10 November 2010 17:09

20

3.96

20

HEPES

8.6

2.05

12

Dissolve each of these separately in about 100 ml water, then add together to the big beaker while stirring.

NaHCO

3

10.24

Drosophila saline - Julian (1994)

Written by Administrator

Wednesday, 10 November 2010 14:21 - Last Updated Wednesday, 10 November 2010 17:09

0.86

20

NaH

2

PO

4

4.5

0.70

15

Adjust pH to 6.8.

Filter sterilise and store in fridge.

(Total Osmolality 354)

If the saline throws a precipitate, discard the saline- you'll have lost all the Ca^{++} and Mg^{++} as (very) insoluble phosphates.