

**APPENDIX**

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**Appendix A: Vitamin and Mineral Mix**

<b>Vitamin Mix</b>	
Ingredient	Amount (g)
Nicotinic acid	3
Ca pantothenate	1.6
Pyridoxine HCL	0.7
Thiamine HCL	0.6
Riboflavin	0.6
Folic acid	0.2
D – biotin	0.02
Vitamin B-12*	500µl
Vitamin E#	5
Vitamin D3	0.25
Vitamin A	0.8
Vitamin K 1^	0.075
Sucrose	986.655
Total	1000g mix

<b>Mineral Mix</b>	
Ingredient	Amount (g)
CaHPO <sub>4</sub> .2H <sub>2</sub> O	949
NaCl	222
K <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> .H <sub>2</sub> O	660
K <sub>2</sub> SO <sub>4</sub>	156
MgO	72
MnSO <sub>4</sub> H <sub>2</sub> O	15.4
Ferric citrate	18
ZnSO <sub>4</sub> .7H <sub>2</sub> O	17
CuSO <sub>4</sub> .5H <sub>2</sub> O	1.82
KIO <sub>3</sub>	0.03
Na <sub>2</sub> SeO <sub>3</sub>	0.02
CrK(SO <sub>4</sub> ) <sub>2</sub> .12H <sub>2</sub> O	4.18
Total	2100g mix

**Appendix B: Tissue processing protocol**

<b><u>Reagent</u></b>	<b><u>Time immersed (mins)</u></b>
70%	90
70%	90
85%	90
95%	120
100%	90
100%	120
Xylene	90
Xylene	90
Paraffin wax	120
Paraffin wax	120
Paraffin wax	120