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APPENDIX

Composition of Extender 1 (Ott and Horton, 1971).

Name	Chemical formula	Units
Dimethyl sulfoxide	$(\text{CH}_3)_2 \text{SO}$	12 ml/100 ml
Calcium chloride	$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	23 mg/100 ml
Mannitol	$\text{C}_6\text{H}_8 (\text{OH})_6$	250 mg/100 ml
Magnesium sulphate	$\text{Mg SO}_4 \cdot 7\text{H}_2\text{O}$	23 mg/100 ml
Sodium bicarbonate	$\text{NaHCO}_3$	750 mg/100 ml
Sodium chloride	$\text{NaCl}$	730 mg/100 ml
Sodium phosphate monobasic	$\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$	41 mg/100 ml
Potassium chloride	$\text{KCl}$	38 mg/100 ml
Fructose	$\text{C}_6\text{H}_{12}\text{O}_6$	100 mg/100 ml
Bovine serum albumin	-	750 mg/100 ml



Composition of Extender 2 (Entwistle and Martin, 1972)

Name	Chemical formula	Units
Dextrose	$C_6H_{12}O_6$	280 mg/100 ml
Fructose	$C_6H_{12}O_6$	306 mg/100 ml
Potassium chloride	KCl	38 mg/100 ml
Sodium chloride	NaCl	286 mg/100 ml
Sodium phosphate monobasic	$NaH_2PO_4 \cdot H_2O$	56 mg/100 ml
Sodium phosphate dibasic	$Na_2HPO_4$	56 mg/100 ml
Glycerol	$C_3H_5(OH)_3$	7.5 ml/100 ml
Egg yolk	-	7 ml/100 ml

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