

797. MODIFIED CHOPPED MEAT MEDIUM

Ground beef (fat free)	500.00	g
Distilled water	1000.00	ml
NaOH 1 N	25.00	ml

Mix meat, water and NaOH, and bring to a boil with stirring. Cool to room temperature, skim fat off surface, and filter, retaining both meat particles and filtrate. To the filtrate add sufficient distilled water to restore volume to 1000 ml. To this filtrate add:

Trypticase (BBL 11921)	30.00	g
Yeast extract	5.00	g
K ₂ HPO ₄	5.00	g
Resazurin 0.025%	4.00	ml
Agar (if necessary)	20.00	g

Boil and cool medium under 80% N₂, 10% H₂, 10% CO₂, and add:

Cysteine - HCl x H ₂ O	0.50	g
Haemin solution (see below)	10.00	ml
Vitamin K ₁ solution (see below)	0.20	ml

Adjust medium for final pH 7.0. Anaerobically dispense 7 ml into tubes containing meat particles (use 1 part meat to 5 parts fluid) under the same gas phase.

Vitamin K₁ solution:

Vitamin K ₁	0.15	ml
95% Ethanol	30.00	ml

Store solution in brown bottle under refrigeration. Discard after one month.

Haemin solution:

Haemin	50.00	mg
NaOH 1N	1.00	ml
Distilled water	100.00	ml

Autoclave at 121°C for 15 min.