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Peptone, Dried

(*Meat Peptone*)—Reddish-yellow to brown powder, having a characteristic, but not putrescent, odor. Soluble in water, forming a yellowish-brown solution having a slight acid reaction; insoluble in alcohol and in ether.

Nitrogen Compounds (Reagent test): Determine by the Kjeldahl method, using a test specimen previously dried at 105° to constant weight: between 12% and 18% of nitrogen is found.

Residue on Ignition (Reagent test): Ignite 500 mg with 1 mL of sulfuric acid: the residue weighs NMT 75 mg (15.0%).

Loss on Drying (731): Dry it at 105° to constant weight: it loses NMT 7.0% of its weight.

Coagulable Protein: Heat a filtered solution (1 in 20) to boiling: no precipitate forms.

Microbial Content: NMT 10^4 cfu/g

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
PEPTONE, DRIED	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

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