

PORK HEART DIGEST (PD POWDER)

CAT. N°: 137

DESCRIPTION:

Pork Heart Digest (PD Powder) is an enzymatic digest of pork heart tissue, supplied as a fine powder. It is used in microbiological culture media such as Columbia Agar/Broth.

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL ANALYSIS
--------------------------	----------------	------------------

Amino Nitrogen (AN)	Minimum 4.0%	4.3%
Total Nitrogen (TN)	Minimum 10.0%	14.02%
AN/TN Ratio	N/A	30.67%
Loss on drying	Maximum 5.0%	1.8%
Ash	Maximum 15.0%	10.05%
pH (2% solution)	6.5 - 7.5	7.1

ELEMENTAL PROFILE

Calcium	0.027%
Magnesium	0.016%
Potassium	1.31%
Sodium	1.23%

GROWTH SUPPORTING PROPERTIES

Peptone agar	Satisfactory
--------------	--------------

MICROBIOLOGICAL ANALYSIS

Standard plate count	Less than 5000 CFU/g
Yeasts and molds	Less than 100 CFU/g
Coliforms	Negative
Salmonella	Negative

AMINO ACIDS

TOTAL g/100 g

Alanine	6.45
Arginine	5.10
Aspartic acid	8.72
Cystine	0.43
Glutamic acid	10.96
Glycine	12.96
Histidine	1.13
Isoleucine	2.12
Leucine	3.99
Lysine	4.39
Methionine	1.26
Phenylalanine	2.28
Proline	8.51
Serine	3.41
Threonine	2.56
Tryptophan	0.38
Tyrosine	0.89
Valine	2.99