

Product Specification

Product Name:

Pepsin from Porcine Gastric Mucosa *PurBio*, ≥ 250 units/mg solid

Product No.: PSR50170
Brand: PureSynth
CAS No.: 9001-75-6
Molecular Formula: NA
Molecular Weight: NA

Test	Specification
Appearance	Off White to Yellow to Beige Solid
Solubility	Soluble in water, insoluble in alcohol and ether
pH (1% in Water)	3.0 – 5.5
Activity (Units/mg Solid)	≥ 250
Unit definition	One unit will produce a change in A280 of 0.001 per min at Ph 2.0 at 37 C, measured as TCA-soluble Products using hemoglobin as Substrate
Loss on drying	NMT 5.0 %
Residue on ignition	NMT 5.0 %
Heavy metals	NMT 10 ppm
Aerobic pate count	NMT 10000 cfu/gm
Total coliforms	NMT 30 cfu/gm
Yeast and moulds	NMT 100 cfu/gm
<i>Escherichia coli</i>	Should be negative
<i>Salmonella</i>	Should be negative
<i>PS. aeruginosa</i>	Should be negative
<i>S. aureus</i>	Should be negative

Specification: PB-1.0-QA/016

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.

For queries on this Specifications, please contact our technical team at technical@pure-synth.com