

Certificate of Analysis

Product Name:

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

Product No.: PSR50170
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 9001-75-6
Molecular Formula: NA
Molecular Weight: NA
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Off White to Yellow to Beige Solid	Off White powder
Solubility	Soluble in water, insoluble in alcohol and ether	Soluble in water, insoluble in alcohol and ether
pH (1% in Water)	3.0 – 5.5	3.5
Activity (Units/mg Solid)	≥ 250	510
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	Conforms
Loss on drying	NMT 5.0 %	3.50 %
Residue on ignition	NMT 5.0 %	2.50 %
Heavy metals	NMT 10 ppm	Complies
Aerobic pate count	NMT 10000 cfu/gm	Complies
Total coliforms	NMT 30 cfu/gm	Complies
Yeast and moulds	NMT 100 cfu/gm	Complies
<i>Escherichia coli</i>	Should be negative	Complies
<i>Salmonella</i>	Should be negative	Complies
<i>PS. aeruginosa</i>	Should be negative	Complies
<i>S. aureus</i>	Should be negative	Complies

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a temperature of 2-8 °C and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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