

Palladium catalyst

Type: TM - 5

Application

- Control the oxygen content in containers for cultures of anaerobic bacteria.

Attention:

The reduction of the oxygen concentration in the containers takes place by the reaction of hydrogen with oxygen at room temperature.

For example, the amount of the catalyst with a weight 2.5 g is sufficient to reduce the oxygen content to 5 - 8% by volume in the container 2,5dm³

To produce the container atmosphere consisting of hydrogen / H₂ / and carbon dioxide / CO₂ /, and control of oxygen concentration can use the typical kits used for this purpose.

- Deoxidation gases to below 1 ppm O₂ via reaction of hydrogen with oxygen.

Technical data

- Palladium content: ok. 0,5% weight.
- Catalyst support: modified γ - Al₂O₃ balls of 4 – 8mm diameter into different fractions depending on demand.
- Bulk density: ok. 0,8kg/dm³

Opinions

- The usefulness of a catalyst for the culture of anaerobic bacteria has been studied in the Department of Bacteriology and Immunology Institute Biostructure Medical Academy in Warsaw and in the Department of Bacteriology Child Health Centre.
- In both centers, there was no difference in activity between the catalyst TM - 5, and palladium catalysts reputable companies worldwide.
- Works in Metallurgical Processing Plant STALPRODUKT SA Bochnia removal of oxygen the inert gas / nitrogen and hydrogen / while maintaining an anaerobic atmosphere in the process of rolling steel sheets.

Terms of delivery

- time of delivery of a batch of the catalyst up to 50 kg – 30 days after payment of 30% of the Total price of the ordered catalyst

-orders with specification of the payment conditions should be send to:

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