

Packing Material

Thermon-HG 5% Shinwasorb-U 60-80 mesh

INSTRUCTION MANUAL

1. Caution

Please read this instruction carefully, before use of this material

2. Instruction

1. Thermon-HG packing material is designed for analyses of organic mercury compounds (alkyl mercury compounds such as methylmercuric chloride). Do not use this product for any other types of analysis.

2. Always make sure to condition columns using the conditions shown below before using columns.

A chocolate colored liquid will accumulate on the glass wool in the column outlet during column conditioning.

After conditioning, replace with new wool before starting analyses (see diagram on right).

Once a column has been conditioned, it is not necessary to repeat conditioning before using the column again.

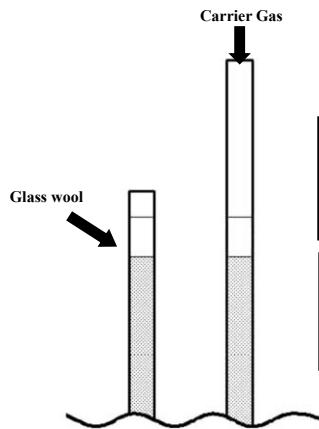
■ Conditioning conditions

Column temp.: 250°C (condition overnight)

Column length: 0.5m → Carrier gas flow rate: 60 ml/min

Column length: 1.0m → Carrier gas flow rate: 80 ml/min

[When performing analyses]



Packing material will turn gray after conditioning.

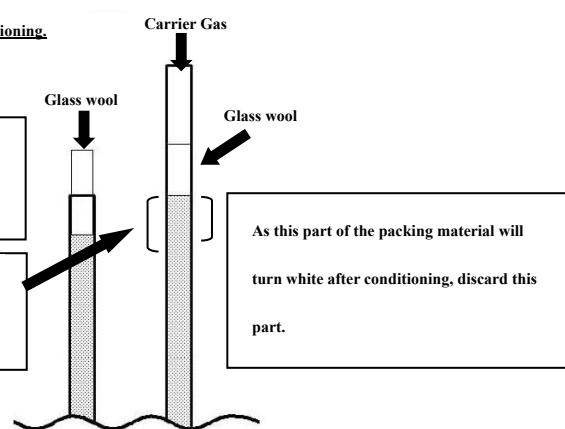
Pack Glass wool so that a portion of the

wool protrudes from the column outlet.

Use slightly more packing material

than actually required.

[When conditioning columns]



Carrier Gas

Glass wool

Carrier Gas

Glass wool

As this part of the packing material will

turn white after conditioning, discard this
part.



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