

certificate helium leakage research

order-no.: 5160-35049

customer: Herberts Industrieglas GmbH & Co. KG
Heinz-Fangman-Straße 18
42287 Wuppertal
Deutschland

description of component: METAGLAS Sight Glass

serial number: ///

test method: based on DIN EN 1779 ☒ A1 ☐ A2 ☐ A3 ☐ B4

ambient temperature: ca.18 °C

leak detector: type HLT 560 – PTL 02 000 SN: 4010 3055

calibration leak: type TL8 S/N: D881300164 $2,2 \times 10^{-8}$ mbar l/s

relative uncertainty: +/- 10%

vacuum value backing pump: ///	mbar
leak detector vacuum value	mbar
pump inlet: $3,4 \times 10^{-3}$	
leak rate specification: ///	mbar x l/s
leak rate at leak detector: $2,6 \times 10^{-12}$	mbar x l/s

connections checked /

leakage: Connection between metal and glass

waiting time 5 min

result: Leakage rates within the permissible leakage rate without display

We, Meier Anlagenservice GmbH, hereby confirm that we have carried out a leak detection on the above-mentioned component.

remark: ///

investigator: R.Böckenhoff
date: 01.10.2025

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