## Calibration certificate CALTECH Calibration Technology

THIS IS TO CERTIFY THAT THE PERMEATION SOU	RCE TYPE WAFER	
SERIAL NO 007458 HAS THE PARAMETE	RS SPECIFIED BELOW:	
GAS:	NOZ	
CALIBRATION TEMPERATURE:	50	deg C
PERMEATION RATE:	410	ng/min
CONCENTRATION AT 1.0 I/MIN (Corrected to 760 mm Hg & 20 deg C)	215	ppb
CALIBRATION DATE:	05/09/2017	
Calibration of the source has been performed by keeping it in a constagas and weighing periodically until stable weight loss per unit of time is better than $\pm$ 0.04 deg C and the weight loss is determined on a sem. The temperature and weight measurements are performed using equi. The total expanded uncertainty of permeation tube output determinate measurement uncertainty is $\pm$ 5%.	has been achieved. Temperature con ni-micro analytical balance accurate pment calibrated against NPL trac	ontrol accuracy to ± 0.01 mg. eable standards
CALIBRATION MADE BY:	PLevitoux	
QUALITY CONTROL: Howandowsha	DATE: <u>05/09</u>	2017