

Certificate for the Proficiency Test Olfactometry 2023

This certificate was issued to confirm the participation of the laboratory

THE SYNERGY GROUP SPA - TSG-Envirometrika (Concepción)
LABORATORIO
Concepción
CHILE

with the Lab-Code 103

in the international proficiency test for olfactometry, held in August/September 2023. The aim of the test was to determine the precision r and accuracy A_{od} of 1-Butanol according to EN 13725:2022. Results of the participant are as follows:

Quality Parameter assessed using 1-Butanol in Nitrogen	Results (requirements according to EN 13725)
$r = 0,089$	complies with requirement: $r \leq 0,477$
$A_{od} = 0,065$	complies with requirement: $A \leq 0,217$

The odorant provided was: 1-Butanol in Nitrogen.

The participant nominated an independent observer (José Gregorio Lanza Marchán from The Synergy Group SPA_Concepción), that attended the first-time opening of the package and was present when samples were transferred into sample bags directly before the measurement. The observer was shown the resulting raw data and checked its transfer to the provided results list.

Number of participating laboratories: 41

Kiel, 20th of October 2023

Dr.-Ing. Laura Brosig
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Björn Maxeiner
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