

Certificate for the Proficiency Test Olfactometry 2025

This certificate was issued to confirm the participation of the laboratory

THE SYNERGY GROUP SPA
CONCEPCIÓN LABORATORIO
4030000 CONCEPCIÓN
CHILE

with the Lab-Code 128

in the international proficiency test for olfactometry, held in August/September 2025. 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)
$r = 0,138$	complies with requirement: $r \leq 0,477$
$A_{od} = 0,073$	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, 13th October 2025

Dr.-Ing. Laura Brosig
Senior Consultant
& Head of PT Division

Dipl.-Ing. Björn Maxeiner
Director &
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