Objective

Performance of detergent product (e.g. sport or refresh liquids/caps) concerning the sweat odor release, retention or reduction.

SUITABLE FOR

• Detergent products

Advantages for you as the customer

• Neutral and objective proof of efficiency
• Consumer-relevant testing
• Development support
• Quality control
TEST METHODS

Test Method 1: Sweat Odor Reduction (technical test)

Scope: Assessment of the sweat odor intensity of artificial sweat on pre-washed textiles compared to an unwashed textile
Odor application: A sweat odor simulate (Hohenstein artificial sweat) is applied on different pre-washed textiles.
Assessment: The sweat odor intensity is assessed by trained odor panelists according to VDI 3882 using an olfactometric sampling unit.

Test Method 2: Sweat Odor Release (technical test)

Scope: Assessment of the sweat odor intensity of artificial sweat after 1 technical wash
Odor application: A sweat odor simulate (Hohenstein artificial sweat) is applied in defined way on the PES-textile.
Assessment: The sweat odor intensity is assessed by trained odor panelists according to VDI 3882 using an olfactometric sampling unit.

Test Method 3: Sweat Odor Retention (wash and wear panel test)

Scope: Assessment of the sweat odor intensity after 5 wash and active wear cycles
Odor application: Garments (e.g. sport shirts) are worn by test persons in an application-specific activity (e.g. sports).
Assessment: The sweat odor intensity is assessed by trained odor panelists according to VDI 3882 using an olfactometric sampling unit.

Test Method 4: Sweat Odor Retention (wash and wear screening test)

Scope: Assessment of the sweat odor intensity after 5 wash and wear cycles
Odor application: The textile patches are worn by a group of test persons under the armpits.
Assessment: The sweat odor intensity is assessed by trained odor panelists according to VDI 3882 using an olfactometric sampling unit.

Requirements for test samples

General
• Marketable samples and full dosage instruction for the desired testing conditions
Duration of testing
• 2 – 3 weeks after agreed test start and product arrival (test method 1 and 2)
• 4 – 8 weeks after agreed test start and product arrival (test method 3 and 4)

Contact
performance@hohenstein.com