

Characteristics on environment and Health

Declared performance characteristics should be reliable

for

- Producer
- Client
- Authorities - Legislation - Enforcement
- Public
- Certification and accreditation (notified bodies, labs, etc)

Characteristics on continuous performance

→ Each individual product / batch / ...

Characteristics health and environment:

Usually : relative low levels
often substances with content < or <<< 1%
release (sometimes even content) close to Detection limits

Usually: (most) substances not intentionally added.
just present
in varying levels

Limit values:

Usually strict but well measurable;

Test methods:

Precision (Repeatability / reproducibility)
magnitude for good testing performance often in ranges 10-25%

Testing and evaluation

Initial tests should show : < - << limit values

Further production should meet limit values

If product behaves - constant
- << limit values
→ (nearly) without further testing

Products/substances usually behave with certain
characteristic behaviour!!
Can/should be taken into account!

Information on

Precision of test methods:

essential for producers

- efficient product control
(incl. Limiting frequency) and
- reliable performance declaration

essential for third party control procedures

essential for

- enforcement tests
- enforcement procedures