



Biuro Naukowo-Techniczne
SIGMA

Laboratory compliant
with ISO 17025

Testing environment
ISO Class 2

Active member of:

Polish Committee
for Standardization
- Technical Committee no 161
for Interiors Air Quality

Polish Committee
for Standardization
- Technical Committee no 317
for Ventilation and Air Conditioning

Biuro Naukowo-Techniczne SIGMA
Jezycka 44A/5 Street
60-865, Poznan, Poland
Phone: 0048 61 624 27 22
E-mail: info@bnt-sigma.pl

QUALIFICATION CERTIFICATE

ISO 14644-14 CLEANROOM SUITABILITY TEST: PARTICLE EMISSION TEST

Product tested: UV-A Torch: UVG2 2.0 Midlight
Customer name: Labino AB
Customer address: Fabriksvägen 9b, 186 32 Vallentuna, Sweden



Test results:
When operated under below specified test conditions,
UV-A Torch **UVG2 2.0 Midlight** is suitable for use
in cleanrooms fulfilling the specification of air cleanliness
ISO Class 3 - 9 according to ISO 14644-1:2016.

Test method: ISO 14644-14:2025
Test device: Laser Particle Counter TSI 9110; s/n: 91101102001
Particles size channels: $\geq 0.1\mu\text{m}$; $\geq 0.2\mu\text{m}$; $\geq 0.3\mu\text{m}$; $\geq 0.5\mu\text{m}$; $\geq 1.0\mu\text{m}$; $5.0\mu\text{m}$

Test environment:

- Cleanroom Air Cleanliness: ISO Class 2 (according to ISO 14644-1:2016)
- Airflow velocity and pattern: $0,45\text{m/s} \pm 20\%$; vertical laminar flow
- Temperature and relative humidity: $21^\circ\text{C} \pm 2^\circ\text{C}$; $50\% \pm 20\%$

Test mode:
In operation (on)

Detailed test results can be found in the BNT SIGMA test report no. E-260401-1.

Laboratory: BNT SIGMA, Section of Cleanroom Technology
Operator: Krzysztof Zarczynski, Senior Validation Engineer
Date of document issue: 1.04.2026