

To Ibsen customers

Farum, February 13, 2025

**Certificate of Compliance – RoHS and REACH Declaration**

This declaration is to certify that the following list of grating and spectrometer products supplied by Ibsen Photonics A/S are EU RoHS 3 and REACH compliant:

All Ibsen Fused silica transmission grating components, including

- PING gratings
- PCG gratings
- Spectrometer gratings
- Phase masks
- All of the above in both standard and custom variants
- All Ibsen spectrograph modules, including modules for
  - I-MON FBG Sensing System Interrogation monitors
  - OEM spectrometers

Specifically we certify that the above products meet the requirements of EU RoHS 3 (Directives 2011/65 and 2015/863), and thus do not contain, or do not contain more than the specified limits, of any of the EU RoHS 3 restricted substances:

- |                                  |                                        |
|----------------------------------|----------------------------------------|
| • Lead (Pb)                      | • Polybrominated Diphenylethers (PBDE) |
| • Mercury (Hg)                   | • Bis(2-Ethylhexyl) phthalate (DEHP)   |
| • Cadmium (Cd)                   | • Benzyl butyl phthalate (BBP)         |
| • Hexavalent Chromium (Cr6+)     | • Dibutyl phthalate (DBP)              |
| • Polybrominated Biphenyls (PBB) | • Diisobutyl phthalate (DIBP)          |

Further we certify that the above products do not release any substances under normal or reasonably foreseeable conditions of use, and do not contain, in a concentration above 0.1% weight-by-weight (w/w), any of the REACH Substances of Very High Concern (SVHC), specified in the Candidate list published by ECHA (European Chemical Agency) on their website <https://echa.europa.eu>, and latest updated on 21st of January, 2025, by decision D(2024)7663-DC.



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