

RoHS and REACH Declarations of Conformity

Wavelength References, Inc.
1800 SW 3rd Street
#140
Corvallis, OR 97333

- These declarations of conformity are issued under the sole responsibility of the manufacturer.
- These declarations are valid for all products manufactured by Wavelength References.

RoHS:

We hereby certify that Wavelength Reference's products fully conform to the ROHS Directive, claiming the following exemption for our reference gas cells:

- 6(c) Copper alloy containing up to 4% lead by weight (fiber-coupled cells)
- 13(a) Lead in white glasses used for optical applications.

In other respects, the object of the declaration described above is in conformity with Directive 2011/65/EU and amendment 2015/863 of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment:

- Cadmium (Cd) (<0.01%)
- Mercury (Hg) (<0.1%)
- Hexavalent Chromium (<0.01%)
- Polybrominated Biphenyl (PBB) (<0.1%)
- Polybrominated Diphenyl Ether (PBDE) (<0.1%)
- Bis(2-Ethylhexyl) phthalate (DEHP) (<0.1%)
- Benzyl butyl phthalate (BBP) (<0.1%)
- Dibutyl phthalate (DBP) (<0.1%)
- Diisobutyl phthalate (DIBP) (<0.1%)

REACH:

We hereby confirm that our products fully comply with the prescriptions set forth under European Union Regulation (EC) no. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as updated on January 16, 2020 and including 205 chemicals (<http://echa.europa.eu/candidate-list-table>):

1. Registration: Our products do not involve the "intentional release of substances" and there is no requirement to submit for registration any substances involved in the making of our products.
2. SVHC: no Substances of Very High Concern are found in our products with one restriction stated below.
3. Restriction: Our products contain small amounts of lead oxide that falls under RoHS exemption 13(a): Lead in white glasses used for optical applications, and 6c: copper alloy containing up to 4% lead by weight. Concentration is on the order of 0.4% w/w or less:

SVHC Name	CAS Number	(W/W) % per article	Remarks
Lead	7439-92-1	< 0.2%	

In addition the cells do not contain any substances that would constitute any chemical, biological, or radiological hazard requiring special handling.

Signed for and on behalf of **Wavelength References, Inc.**

Jeremy Colson, Engineering Manager: _____
04, April, 2020