Agilent General Specification for the Environment

Updated November 2023

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1. Purpose

This specification establishes Agilent Technologies' (Agilent's) general requirements for purchased parts, components, materials and products that are incorporated into Agilent products.

The requirements described in this specification are relevant to all parts, components, materials and products that are supplied to Agilent. In most cases the requirements originate from regulations on Agilent products, and as such Agilent ensures that the components for its products enable Agilent's products to comply with regulations in global markets. As such, it is likely that these specifications will exceed the requirements in the location of the supplier or the Agilent entity purchasing the products.

2. Scope

This specification provides Agilent's general requirements for restricting or prohibiting certain substances as constituents of parts, components, and materials in products and packaging purchased by Agilent worldwide.

This specification covers:

- Chemical registration requirements
- Product content and Ozone Depleting Substances use restrictions
- Battery content restrictions
- Packaging content restrictions
- Phytosanitary measures for solid wood packaging materials
- Product labeling and marking requirements
- Product end of life labeling requirements

Except Ozone Depleting Substances (ODS), this specification does not apply to substances used in the process of manufacturing any parts, component materials, or products sold to Agilent.

This specification is not intended to be a listing of all product content limitations or restrictions that may be established as a matter of law. Seller's compliance with this specification does not relieve or diminish Seller's obligation to comply with all applicable laws.

- Precedence: Should a conflict occur between this specification and an Agilent family or individual part specification; the Agilent family or individual part specification shall prevail.
- Exception: Legal and/or regulatory requirements that exceed these specifications for the countries where these purchased parts, components, and products are to be used, take precedence over this specification.

This specification is in addition to, and does not in any way limit or supersede, any other product specifications that may be established by Agilent.

If a supplier believes that any parts, products, components, materials or assemblies they are supplying to Agilent do not conform to the General Specification for the Environment (GSE), they must send an e-mail to gse_inquiry@agilent.com and copy their Agilent Buyer. The e-mail should detail the specific non-conformity and the Agilent/manufacturer part numbers affected.

Where this document requires that the supplier informs or reports to Agilent, this must be done through sending an email to gse_inquiry@agilent.com and copy their Agilent buyer before the supply of any product.

3. Chemical Registration

Each chemical substance contained in parts, components, materials and products sold to Agilent must comply with chemical registration and pre-manufacture notification requirements in those countries that have enacted such requirements (including but not limited to: Australia, Canada, China, Japan, South Korea, Switzerland, the United States, and the countries of the European Union). The intent of these requirements is to permit import and sale of the parts, components, materials and products sold to Agilent in all of these countries.

4. Regulations Controlling Chemical Use

Environmental and chemical regulations introduce requirements on economic operators involved in the supply chain of products containing chemicals that are hazardous to human or environmental health. These regulations typically *prohibit*, *restrict* or require *notification* of chemicals when they are imported or placed on a market.

In Section 5 we list chemicals and legislation that controls the use of chemicals in any products. Section 6 covers specific applications where chemicals are controlled. The threshold limits on the use of these chemicals is the maximum concentration levels at which the presence of a substance can be tolerated. Unless indicated otherwise, threshold limits apply to the mass concentration of a substance in any homogenous material.

Agilent has a strong preference for all supplied products to Agilent to be free from any substances that are controlled in any way. There are however some product categories where derogations exist enabling the use of otherwise restricted or prohibited chemicals.

It is essential, with no exceptions, that Agilent is informed of any products containing any substances that are prohibited, restricted or require notification before these products are supplied to Agilent. Suppliers must communicate information to gse_inquiry@agilent.com and to their Agilent buyer.

There are no applicable exemptions for Regulations on content of material in packaging and batteries. Batteries and Packaging supplied to Agilent must comply with the content requirements in Sections 7 and 8, and those restrictions on wood packaging in Section 0.

5. General Substance Restrictions

The following substances should not be used in any application above the threshold. Unless indicated otherwise, the thresholds are defined in weight /weight in any homogeneous material.

5.1 TSCA PBT substances:

Substances in "the Regulation of Persistent, Bioaccumulative, and Toxic Chemicals Under TSCA Section 6(h)" present in products/parts and articles above the regulated concentration limits must be reported back to Agilent Technologies. Note that new substances will be added yearly.

The following link to the US Environmental Protection Agency is provided for convenience.

https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals

5.2 REACH ANNEX XIV Substances

Products supplied to Agilent should not contain any substance listed in Annex XIV of EC No 1907/2006 (REACH) as amended above 0.1% (w/w) in any homogenous material. Use of these material requires Authorisation. The use of any substance in Annex XIV, including under any derogation must be reported to Agilent.

5.3 REACH SVHC substances:

Any products containing any Substances of Very High Concern (SVHC) included on the Candidate List as defined in Article 59 of EC No. 1907/2006 (REACH) above 0.1% (w/w) in any homogeneous material must be reported to Agilent. Note that the Candidate List is updated every 6 months.

https://echa.europa.eu/candidate-list-table

5.4 California Proposition 65

Products supplied to Agilent should not contain any substances listed in the California Safe Drinking Water and Toxic Enforcement Act of 1965, commonly known as Proposition 65. Any parts containing any substances on this list must be reported to Agilent. There are minimal to no thresholds to the content of substances on Proposition 65, therefore any parts with any known content of a restricted substance must be reported. The Proposition 65 list is updated annually.

The Proposition 65 List - OEHHA (ca.gov)

5.5 High Risk Substance Restrictions:

The following table is a list of substances that are commonly used in products and therefore have a higher probability of being contained in supplied products. The example uses are applications where these substances are typically used, however the use of any of the listed products in any application must be reported to Agilent.

Substance	Example Uses	Threshold
Asbestos/Asbestos Materials	Insulating material, plastic parts	Must not be present
Azocolorants and Azodyes	Azodyes	< 0.003% by part weight
Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene	Lubricating agent; lubricant additive (antioxidant/corrosion inhibitor/tarnish inhibitor/scavenger/antiscaling agent), mould release agent; organic chemical for industrial use	Must not be present
Benzene	For styrene, which is used to make polymers and plastics; for phenol, which is used for resins and adhesives; for types of rubbers, lubricants, dyes	Must not be present
Dimethylfumarate (DMFu)	Anti-mould agent and can be found in the articles or in sachets containing mouldproof substances	< 0.00001% by part weight
Ozone Depleting Substances (ODS)	Class I: Coolant, propellant, refrigerants; Class II: Not expected, but historically HCFCs were used as substitutes for CFCs	Must not be present and none used in the production process.[1]
Pentachlorophenol (PCP)	Biocide (Insecticide and fungicide), used as wood preservative. See also section 8	No intentionally added content
Pentadecafluorooctanoic acid (PFOA) and individual salts and esters of PFOA	Surfactant, used in coatings, metal plating/surfaces, used in Semiconductor industries	< 0.1% by part weight
Perfluoro decanoic acid (PFDA) and Na and NH4 salts	Surfactant, foaming agents	< 0.1% by part weight
Perfluorhexane-1-sulphonic acid (PFHxS) & salts	Surfactant and monomer in production of Fluoropolymers and stain resistant coatings	< 0.1% by part weight
Perfluorononan-1-oic-acid and its sodium and ammonium salts	Processing aid, but PFNA is also used as lubricating oil additive, surfactant for fire extinguishers, cleaning agent, textile antifouling finishing agent, polishing surfactant, waterproofing agents and in liquid crystal display panels	< 0.1% by part weight
Perfluorooctane sulfonate (PFOS)	Antistatic agent for films and plastics , photolithographic chemical in the semiconductor industries	Must not be present
Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)	Adhesives, paints, printing inks, plastics, additive or sealing fillers	Must not be present

[1] The USA imposes an excise tax on inventories of Ozone Depleting Chemicals (ODCs) and imported products manufactured with ODCs. If requested, Agilent requires suppliers to certify that ODCs are not used in manufacturing.

6. Specific Applications

6.1 REACH Annex XVII Substances

Products should not be supplied to Agilent that contain any of the substances listed in Regulation EC No 1907/2006 (REACH) Annex XVII unless the use of that substance meets the conditions of the restriction listed in Annex XVII. Agilent must be informed of the supply of any product containing any substance in Annex XVII whether or not the restriction applies and irrespective of any derogation.

6.2 High Risk Substance Restrictions for Specific Applications

The following substances should not be used in the applications listed below above the threshold except in listed application exemptions. Unless indicated otherwise, the thresholds are defined per homogeneous material. In case of a conflict, application specific thresholds prevail over the threshold from general restrictions only for the listed applications.

Substances	Restricted Application	Threshold (Not to Exceed)	Allowed exemptions:
Aluminosilicate Refractory Ceramic Fibres	Insulation material and all other applications	< 0.1% by part weight	Insulation Material in oven assemblies for analytical instruments
Fluorinated Greenhouse Gases (F-Gases)	Non-refillable containers for service, non-confined direct evaporations systems, foams, fire protection equipment	Must not be present	use of R134a in refrigerating equipment integrated with analytical instruments
Hexachloroethane	Manufacturing or processing of non-ferrous metals	Must not be present or used in the production process	(none)
Inorganic ammonium salts	Cellulose insulation mixtures/articles	Must not be present	(none)
Lead and its compounds*	Paints	< 0.01%	(none)
	PVC stabilizer in cable jackets	< 0.03%	(none)
Mercury and its compounds	All applications	Must not be present	Button Cell batteries (see section 7) Discharge lamps within Scope of applicable RoHS exemption (see Appendix C)

* Note: Lead is restricted in all parts for electrical and electronic products – see Section 6.3

6.3 Restricted Substances in parts for use in Electronic Equipment (RoHS)

Parts that may be used by Agilent in electronic equipment are required to be RoHS compliant. Any parts that are required to be RoHS compliant must meet the requirements of the EU RoHS directive 2011/65/EU as amended. Such parts must not contain the following substances above threshold in any homogenous material:

Substance	Threshold
Lead	0.1%
Mercury	0.1%
Cadmium	0.01%
Hexavelent Chromium	0.1%
Polybrominated biphenyls (PBB)	0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%
Bis(2-ethylhexyl) phthalate (DEHP)	0.1%
Butyl benzyl phthalate (BBP)	0.1%
Dibutyl phthalate (DBP)	0.1%
Diisobutyl phthalate (DIBP)	0.1%

Exemptions for specific applications exist where the use of such materials is essential. Not all exceptions are applicable for Agilent products. Only exemptions listed in Appendix C may be used.

7. Battery Content Restrictions

All batteries supplied to Agilent should meet the definition of a 'portable battery' according to Regulation (EU) 2023/1542 and, as such, weigh 5kg or less. In the case of a requirement to supply a battery that is not a portable battery, specific permission should be obtained from Agilent Global Regulatory Affairs. Such requests will be reviewed on a case-by-case basis.

The following substances are prohibited or restricted for use in batteries supplied to Agilent. In case of a conflict, battery-specific thresholds from this section prevail over the thresholds from general restrictions or specific applications for the listed applicable battery types.

Substance	Applicable Batteries	Threshold (Not to Exceed)
Cadmium	All batteries	0.002% by battery weight
Lead	All batteries	0.004% by battery weight
Mercury and its compounds	Alkaline-Manganese button cell	0.0005% by weight in homogenous material
	All other batteries	Must not be present
Perchlorates	Lithium batteries; coin cell batteries	0.6 ppm by battery weight

All lithium metal and lithium ion cells or batteries must meet the requirements of each test in the current UN Manual of Tests and Criteria, Part III, subsection 38.3, in addition to any additional requirements specified in the European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR), the International Air Transport Association (IATA), the International Maritime Dangerous Good Code (IMDG), and the Hazardous Materials Regulations of the United States Department of Transportation (49CFR). Upon request, the vendor will provide a copy of the specific tests results should Agilent be required to supply it to local authorities.

8. Packaging Content Restrictions

The following substances (see additional details in Appendix B) are prohibited for use in packaging materials purchased by Agilent and in the packaging of products Agilent sells. In case of a conflict, the specific packaging material thresholds from this section prevail over the thresholds from general restrictions, specific applications or battery restrictions, but only for the listed packaging applications.

Substance	Restricted Application	Threshold (Not to Exceed)
Arsenic Compounds	In wooden packaging and packaging materials	Must not be present
Cadmium, Chromium VI (Hexavalent Chromium) Compounds, Lead and Mercury	Packaging, packaging materials and packaging inks	Must not be present. Incidental presence of these substances not to exceed a total sum concentration of 100 ppm (100mg/kg)
Cobalt dichloride	In packaging materials (e.g. as moisture indicator)	Must not be present
Ozone depleting substances CFCs and HFCs	Foaming agent	Must not be present

9. Phytosanitary Measures for Solid Wood Packaging Materials

The following requirement applies to packaging materials purchased by Agilent and used to package the products Agilent sells.

Packaging wood shall be free from bark, insects and damage caused by them. Solid wood packaging materials shall be heat treated or kiln dried to a minimum core temperature of 56°C for at least 30 minutes in a closed chamber or kiln, which has been tested, evaluated and approved officially for this purpose. In addition, the susceptible wood shall display an officially approved heat treated or kiln dried marking enabling the identification of where and by whom the above treatment has been carried out. A logo or mark, officially endorsed by the NPPO (National Plant Protection Organization) of the country from which the wood packaging materials originate must be permanently affixed to each unit of wood packaging material, and in a location that will remain visible and obvious when packaging is used for shipment of Agilent product(s). Fumigation, Chemical Pressure Impregnation (CPI) or other chemical means are not to be used.

10. Product Labeling and Marking Requirements

10.1 Battery Labeling Requirements

Batteries, rechargeable consumer products, and their packaging must have a durable label with the symbol(s) and wording according to the requirements specified in Appendix A. Information should be supplied with products containing a battery to identify the nature of the battery. Products with user-removable batteries should be supplied with information on the safe insertion and removal of the batteries.

10.2 Battery Declaration of Conformity Requirements

Batteries, including those contained in parts, components and products, must comply with the China battery registration requirements for no mercury content. A "Suppliers' Declaration of conformity" issued by the battery manufacturer and an SDS must be provided when requested.

Batteries supplied to Agilent after 18th February 2024 must be CE marked and be provided with an EU Declaration of Conformity in compliance with the EU Regulation EU 2023/1542.

Note: This date is intentionally in advance of the date required in the Regulation to ensure all batteries contained within Agilent products are CE marked when placed on the market.

10.3 Mercury Product Labeling Requirements

Removable mercury lamps, as well as products containing mercury lamps, must be labeled in accordance with local regulatory requirements.

10.4 Paper and Plastic Packaging Labeling Requirements

All suppliers of paper and plastic packaging materials must ensure that the material is identified, marked and labeled. Refer to Appendix B.

10.5 Packaging Declaration of Conformity Requirements

Packaging suppliers must provide a Declaration of Conformity regarding the requirements described in section 6.1 when requested.

10.6 Product Information and Labeling Requirements

Agilent requires Suppliers to comply with the Chinese Administrative Measures for the Restriction of Hazardous Substances in Electrical and Electronic Products. Suppliers to Agilent are responsible for ensuring such goods sold and shipped to China meet the information and labeling requirements, including the following:

- Reflect the required product label (which in most cases will include an EFUP or Environmental Friendly Use Period number),

- Reflect the required toxic/hazardous substance table in the product manual or shipment insert which accompanies the product, and
- Reflect the date of manufacture. For further details or questions contact your Agilent representative.

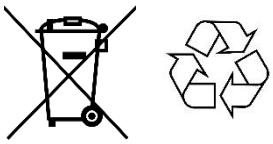
Product End of Life Labeling Requirements: All electrical and electronic products requiring the European CE marking must also have the crossed-out wheeled bin label with bar.

11. Glossary

ABS	Acrylonitrile Butadiene Styrene
CFC	Chlorinated Fluorocarbons
DBDPO	Decabromodiphenyl oxide (a flame retardant)
CE Marking	A product marking that specifies compliance to relevant European Union Regulations or directives
HFC	Halogenated Fluorocarbons
HIPS	High Impact Polystyrene
Homogeneous Material	A material that cannot be mechanically disjoined into different materials
Localization Issues	Compliance strategies that require "local" marking, labeling or documentation will generally be applied to the final product, not to the direct material purchase.
MSDS	Materials Safety Data Sheet
Must Not Be Present	The material shall not be intentionally added.
OBDPO	Octabromodiphenyl oxide (a flame retardant)
ODS/ODC	Ozone Depleting Substance, synonym to ODC; Ozone Depleting Compounds, synonym to ODS
Packaging Systems	Consists of all packaging components including cushioning material, plastic materials, paperboard, corrugated containers and wood crate systems, as well as inks, dyes and labels used for marking.
Parts per Million (ppm)	Used to express concentration. The ppm is 1,000,000 x mass substance / mass of the homogeneous material. Concentrations are unit-less, for example 100 ppm = 0.01% = 100 mg/kg.
PeBDPO	Pentabromodiphenyl oxide (a flame retardant)
Prohibited	Not allowed
PVC	Polyvinyl Chloride
Restricted	Allowed in limited quantities
Suppliers' Declaration of Conformity	a declaration made by an Agilent supplier that the product purchased by Agilent complies with an established list of requirements and standards

APPENDIX A Labeling Requirements for Batteries, Consumer Products Containing Batteries, and their Packaging

As defined in Section 7, all Batteries, rechargeable consumer products, and their packaging must have the markings defined in the following table and subsequent requirements. Note that all batteries supplied must be portable batteries and, as such, the following labelling only applies to portable batteries.

PRODUCT TYPE	REQUIRED SYMBOLS	WORDING ON LABEL
All Battery types		- Manufacture's name and address - Battery capacity
Lithium Ion cells and batteries	 **Li-ion** Or general recycling symbol	- "Lithium Ion" or "Li-Ion" - See Notes 2, 3 4
Nickel metal hydride batteries	 **Ni-MH** Or general recycling symbol	- "CONTAINS NICKEL METAL HYDRIDE (NiMH) BATTERY" or "Ni-MH"

Note 2 - Lithium ion cells Watt-hour (Wh) rating must be 20 Wh or less.

Note 3 - Lithium ion batteries or battery packs Watt-hour (Wh) rating must be 100 Wh or less.

Note 4 – Lithium ion batteries or battery packs must be marked with the Watt-hour (Wh) rating on the outside case.

EU CE Mark

All batteries supplied to Agilent after 18th February 2024 must have been through a conformity assessment according to the EU 2023/1542 and bear the CE mark.

EU Capacity Labeling for rechargeable batteries

All portable rechargeable batteries intended to be replaced by the end user, either standalone cells or battery packs, except for lead-acid, must have their capacity in milliamp hours on the label expressed as an integer using the abbreviation 'mAh'. Lead-acid batteries intended to be replaced by the end user must have their capacity in amp hours on the label expressed as a decimal number with one digit using 'Ah'.

Text size for battery packs:

- For battery packs where the largest side is below 70 cm², the text shall have a minimum size of 1,0 × 5,0 mm (H × L).

- For battery packs where the largest side is equal to or above 70 cm², the text shall have a minimum size of 2,0 × 5,0 mm (H × L).
- The label shall be located only on the external housing, not on each individual cell inside the housing.
- Text size for individual cells, except button cells:
- The text shall have a minimum size of 1,0 × 5,0 mm (H × L).
- Applies to batteries and accumulators sold without packaging
- The label shall be located on the battery or accumulator itself.

For batteries sold with packaging, the capacity labels must also be located on the packaging.

Additional marking requirements for non-rechargeable batteries (all chemistries)

- Battery manufacturer brand name
- Model designation
- Expiration date (month / yr)
- Country of origin

Crossed out wheeled bin symbol Size Requirements

All batteries shall show the crossed out wheeled bin symbol as shown in the table above shall cover at least 3% of the area of the largest side of a battery, up to a maximum of symbol size of 5cm x 5cm.

For cylindrical batteries the symbol must cover at least 1.5% of the surface area of the battery, up to a maximum size of 5cm x 5cm.

If the battery is of such as size that the symbol would be smaller than 0.47cm x 0.47cm, the battery does not need to be marked, however the packaging should have a symbol of at least 1cm x 1cm.

Label Durability

The labels on batteries shall be printed or engraved visibly, legible and indelibly on the battery. Where this is not possible due to size constraints, where permitted the labels will be present on the packaging and documentation accompanying the battery.

APPENDIX B Labelling Requirements for Packaging and Packaging Materials

Packaging and packaging materials shall be marked in accordance with the following guidance. Additional restrictions identified in the GSE are also applicable to Agilent Packaging Materials including but not limited to Restrictions in Packaging Section 8 and applicable requirements for wood packaging identified in Section 0. This requirement applies to all primary, secondary and tertiary packaging for products, parts, subassemblies, materials and supplies obtained by Agilent Technologies for incorporation or distribution to Agilent customers.

The objective of these stated requirements is to ensure that the choice of packaging materials used is recyclable, including cushioning material, plastic materials, corrugated containers and wood crate systems. Suppliers are discouraged from using permanent glues or adhesives to attach various materials. This applies to molded and fabricated cushioning material, plastic film, bagging materials, paperboard/corrugated fiberboard and wooden crates.

Packaging made of Wood, including Wooden Crates

As per Section 0, all wooden crates, packaging made of wood and pallets made of wood must be treated and marked in accordance with the provisions of the International Standard for Phytosanitary Measures (ISPM) #15: Guidelines for Regulating Wood Packaging Material in International Trade. Please note that as stated in section 0 that Fumigation, Chemical Pressure Impregnation (CPI) or other chemical means are not to be used.

Material Coding Identification

All products and materials supplied to Agilent commonly used in packaging materials, or specified for use in packaging Agilent products must be marked such as to enable the end user to separate and appropriately dispose of the packaging. This also applies to the packaging of products supplied to Agilent that is directly supplied to the end user as part of an Agilent system or a spare part.

The numerical and abbreviation system of labelling follows European Union directive 97/129/EC, and applied to all material types. The tables below provide a summary of the the applicable coding that is required to be permanently embossed, marked or labeled on all components of the packaging system. Symbols must meet minimum sizing requirements. Smaller identification symbols are permitted when the part or unit size does not allow the minimum size to be placed on the unit or part. The identification marking and symbol must be placed on the item either on the bottom or other conspicuous location and must be durable, legible and clearly visible. Capital letters must be used for all text.

Name of plastic	Polyester	High-Density Polyethylene	Polyvinyl Chloride	Low-Density Polyethylene	Polypropylene	Polystyrene	Other Plastic
Plastic code	01	02	03	04	05	06	07
Abbreviation code name	PET	HDPE	PVC	LDPE	PP	PS	Others
Example of marking							

Plastic codes and corresponding abbreviation code names

Name of Material	Steel	Aluminum	Paper	Corrugated Fibreboard	Non-corrugated Fibreboard	Wood	Colourless Glass
Material code	40	41	22	20	21	50	70
Abbreviation code name	FE	ALU	PAP	PAP	PAP	FOR	GL
Example of marking							

General material codes and abbreviations. Additional codes & abbreviations for coloured glass, composites and other materials can be found in 97/129/EC

Chinese Mark on Paperboard and Corrugated Fiberboard

The markings must be compliant with the Paper Packaging Material Codes according to National Standard of the People's Republic of China, GB/ T 18455-2010: Use of the Chinese mark with other internationally required marks is acceptable as long as equivalence to the Chinese requirements are guaranteed. The mark can be used in conjunction with the international alphanumeric paper designation.

Paper Packaging Material	Initials	Packaging Type
Fiberboard, Corrugated	CFB	Shipping cartons, layer pads, dividers and over packs
Corrugated Cardboard	CB	Stiffeners, corner guards and edge guards
Paperboard	PB	Chipboard cartons
Paper	WPP	Tissue and molded pulp
Non Corrugated solid Fiberboard	NCFB	Stiffeners, corner guards and edge guards

Size requirements for the Chinese mark. The mark size is to be 40 mm by 40 mm. For especially large or small package component sizes the mark may be appropriately enlarged or reduced, or as identified in the National Standard of the People's Republic of China, GB/ T 18455-2010.

Components of the Chinese mark. The Chinese mark for paper-based packaging materials consists of the chasing arrows triangle with the appropriate alpha designators centered below the arrow. See the example below. Placing the alpha designators inside the triangle is also acceptable. Recycling marks are required in accordance with Chinese Standard GB 18455-2001 or equivalent international standard.

APPENDIX C: Exemptions for application specific restrictions

The following exemptions derived from EU RoHS Directive 1011/65/EC. When using any exemptions to exceed the restricted concentrations listed in Section 6.3, this must be stated on the Declaration of Conformity (if provided), or otherwise explicitly stated in the information provided. Not all RoHS exemptions can be used by Agilent products. Only the exemptions listed below may be used.

EU RoHS Exemption	Substance	Exemption Text
Annex III 4(f)-I	Mercury	Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex
Annex III 4(f)-IV	Mercury	Mercury in lamps emitting light in the ultraviolet spectrum
Annex III 6(a)	Lead	Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0.35 % lead by weight.
Annex III 6(b)	Lead	Lead as an alloying element in aluminium containing up to 0.4 % lead by weight.
Annex III 6(c)	Lead	Copper alloy containing up to 4 % lead by weight.
Annex III 7(a)	Lead	Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead).
Annex III 7(c)-I	Lead	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.
Annex III 7(c)-II	Lead	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher.
Annex III 8(b)	Cadmium	Cadmium and its compounds in electrical contacts.
Annex III 13(a)	Lead	Lead in white glasses used for optical applications.
Annex III 13(b)	Cadmium, Lead	Cadmium and lead in filter glasses and glasses used for reflectance standards.
Annex III 15	Lead	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages
Annex III 18(b)	Lead	Lead as activator in the fluorescent powder (1 % lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP (BaSi2O5:Pb)
Annex III 21	Lead	Lead and cadmium in printing inks for the application of enamels on glasses, such as borosilicate and soda lime glasses.
Annex III 24	Lead	Lead in solders for the soldering to machined through hole discoidal and planar array ceramic multilayer capacitors.
Annex III 34	Lead	Lead in cermet-based trimmer potentiometer elements.
Annex IV 10	Cadmium, Lead	Lead and cadmium in atomic absorption spectroscopy lamps.