



# Declaration of Conformity

**We:** Labconco Corporation  
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**Authorized Representative**  
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**being the representative party solely responsible for this certification, hereby declare that the following products:**

Equipment: Laboratory Equipment – FreeZone® Freeze Dryers & Shell Freezers

Type, Model: 70xx0xxxx Benchtop Freeze Dryer, -50°C  
71xx0xxxx Benchtop Freeze Dryer, -84°C  
72xx0xxxx Benchtop Freeze Dryer, -105°C  
70xx1xxxx Console Freeze Dryer, -50°C  
71xx1xxxx Console Freeze Dryer, -84°C  
xxxxxx=any six numbers  
79490xx Shell Freezer  
xx = any two numbers  
79490xxxx Shell Freezer (low GWP Refrigerant)  
xxxx=any four numbers

NOTE: Above part numbers may be followed by a 5-digit number for custom modifications.

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**are in accordance with the following directives:**

2014/30/EU	Electromagnetic Compatibility Directive	2015/863/EU	RoHS3 Directive
2014/35/EU	Low Voltage Directive	2024/573/EU	F-Gas Directive
2006/42/EU	Machinery Directive		
2011/65/EU	RoHS Directive		

**are in conformity with the standards listed below:**

EN61010-1:2010+A1:2019+A2:2021	EN61000-4-3:2020
EN61326-1:2021	EN61000-4-4:2012+A1:2022
EN55011:2016+A1:2017+A2:2021	EN61000-4-5:2014+A1:2017
EN61000-3-2:2019+A1:2021	EN61000-4-6:2022
EN61000-3-3:2013+A2:2021	EN61000-4-11:2020
EN61000-4-2:2009	EN63000:2018

**when installed and operated in accordance with the manufacturers installation and operating instructions.**

**Brandon Gray**  
Vice President of Engineering  
Labconco Corporation  
Kansas City, MO USA

15 OCT 2025  
Date of issue



# UKCA Declaration of Conformity

**We:** Labconco Corporation  
8811 Prospect Avenue  
Kansas City, MO 64132 USA  
Ph. 816-333-8811 Fax. 816-363-0130  
labconco@labconco.com

**being the representative party, in accordance with UK government guidance, solely responsible for this certification, hereby declare that the following product:**

Equipment: Laboratory Equipment – FreeZone® Freeze Dryers & Shell Freezers

Type, Model: 70xx0xxxx Benchtop Freeze Dryer, -50°C  
71xx0xxxx Benchtop Freeze Dryer, -84°C  
72xx0xxxx Benchtop Freeze Dryer, -105°C  
70xx1xxxx Console Freeze Dryer, -50°C  
71xx1xxxx Console Freeze Dryer, -84°C  
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NOTE: Above part numbers may be followed by a 5-digit number for custom modifications.

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**the object of the declaration described above is in conformity with the relevant UK Statutory Instruments (and their amendments):**

S.I. 2016/1091 Electromagnetic Compatibility Directive  
S.I. 2016/1101 Low Voltage Directive  
S.I. 2008/1597 Machinery Directive  
S.I. 2012/3032 RoHS Directive

**are in conformity with the standards listed below:**

EN61010-1:2010+A1:2019+A2:2021 EN61000-4-3:2020  
EN61326-1:2021 EN61000-4-4:2012+A1:2022  
EN55011:2016+A1:2017+A2:2021 EN61000-4-5:2014+A1:2017  
EN61000-3-2:2019+A1:2021 EN61000-4-6:2022  
EN61000-3-3:2013+A2:2021 EN61000-4-11:2020  
EN61000-4-2:2009 EN63000:2018

**when installed and operated in accordance with the manufacturers installation and operating instructions.**

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# China EEP Hazardous Substances Information (China RoHS)

## 产品中有害物质的名称及含量

部件名称 Component Name	有害物质 Hazardous Substance					
	FreeZone® Freeze Dryers & Shell Freezers					
	70xx0xxxx	70xx1xxxx	79490xx			
	71xx0xxxx	71xx1xxxx	79490xxxx			
72xx0xxxx	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
(机加工件) Machined Parts	X	O	O	O	O	O

本表格依据SJ/T11364的规定编制 This table is compiled according to SJ/T 11364 standard.  
 O: 表示该有害物质在该部件所有均质材料中的含量均在GB/T26572规定的限量要求以下.  
 Indicates that the concentration of the hazardous substance in all homogeneous materials for the part is below the relevant threshold of the GB/T 26572 standard.

xx = any two numbers; xxxx = any four numbers

NOTE: Above part numbers may be followed by a 5-digit number for custom modifications.



The product(s) referenced in this Declaration have been evaluated in accordance with these Regulations:

**(EU) 2011/65 Restriction of Hazardous Substances (RoHS) | (EU) 2015/863 RoHS 3 Amendment**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of chemical substances in articles and preparations. If goods purchased by Labconco Corporation contain substances in permissible concentrations, the respective concentration and substance must be explicitly stated by the supplier.

**(EC) 1907/2006 Registration, Evaluation, and Authorization of Chemicals (REACH)**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of chemical substances in articles and preparations. If goods purchased by Labconco Corporation contain SVHC in permissible concentrations, the respective concentration and substance must be explicitly stated by the supplier.

Labconco Corporation is not an importer of substances that are subject to registration under REACH Article 6, as no chemical substance is imported into the EU in quantities exceeding 1 metric tonne per year.

Any chemical substances potentially used in production (e.g., oils, greases, or gases) are not intended to be released and are handled under conditions that prevent exposure during intended use. As such, Labconco Corporation qualifies as a Downstream User of these substances as defined under REACH Article 3(13).

Where necessary, Labconco Corporation communicates its uses and conditions of use to suppliers to ensure inclusion in the chemical safety assessments associated with registration dossiers (per REACH Article 37).

Labconco Corporation complies with the obligations of Article 33(1) of REACH regarding SVHCs included in the ECHA Candidate List. Labconco Corporation maintains a continuous surveillance process to monitor updates to the Candidate List and assess relevance to its articles and supply chain. All suppliers are required to actively inform Labconco Corporation if SVHCs are present in any component article, in line with the ECJ ruling (C-106/14) which mandates component-level evaluation of SVHC content.

**(EU) 2019/1021 Persistent Organic Pollutants (POP)**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of chemical substances in articles. If goods purchased by Labconco Corporation contain substances in permissible concentrations, the respective concentration and type of substance must be explicitly stated by the supplier.

**Canada CEPA Section 71 Notice on PFAS**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of per- and polyfluoroalkyl (PFAS) substances present. If goods purchased by Labconco Corporation contain PFAS (as defined in the state of PFAS report), the respective concentration and type of substance must be explicitly stated by the supplier.

**United States EPA TSCA Section 6(h) Persistent, Bioaccumulative, and Toxic (PBT)**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of substances present in accordance with the TSCA (Toxic Substances Control Act of 1977) and amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act of 2016. If goods purchased by Labconco Corporation contain restricted substances, the respective concentration and type of substance must be explicitly stated by the supplier.

Based on information from suppliers and internal assessments, Labconco Corporation has identified the following product(s) contain the respective substance(s) as defined below:

Labconco Catalog Number(s)	Substance	CAS Number (if applicable)	%w/w (or less)	Total weight (grams)
All Catalog Numbers listed previously	Lead*	7439-92-1	0.002%	0.40
7xxx02xxx, 7xxx06xxx	Polytetrafluoroethylene	9002-84-1	0.005%	2.53
7xxx12xxx, 7xxx16xxx, 7xxx22xxx, 7xxx26xxx	Polytetrafluoroethylene	9002-84-1	0.004%	4.22

\*Contained within homogenous aluminum alloy component(s) at less than 0.1% by weight.



The product(s) referenced in this Declaration have been evaluated in accordance with these Regulations:

**United States California Proposition 65**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of chemical substances in components of the product which are accessible (contact is made on a regular basis) by the end user. The CIC and DARTIC publications and rulings are reviewed regularly for changes to the list of carcinogens in the California Labor Code. If goods purchased by Labconco Corporation contain substances in permissible concentrations, the respective concentration and substance must be explicitly stated by the supplier.

Products that are determined to contain chemical substances deemed harmful per the California Labor Code in component(s) accessible to the end user are identified in product sales literature and with a label (example shown below) placed on the product in a visible location.



**FCC and Industry Canada EMI Emissions**

Complete Electromagnetic Emissions Interference (EMI) compatibility tests for compliance with United States 47CFR Parts 15B, Industry Canada RSS-GEN, ICES-003, International Standard EN 55011, and CISPR 11 demonstrate compliance with these standards. EMC test report is available upon written requests from verified import or government authorities.

**Canada SOR/2014-254 and SOR/2024-109 (Hg)**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of mercury (Hg). If goods purchased by Labconco Corporation contain mercury (Hg), the weight in grams must be explicitly stated by the supplier. Other than exempted Ultraviolet (UV) sources for water treatment and air disinfection, this product contains no disclosed amount of mercury (Hg). Unless explicitly stated in the User's Manual, this product contains no disclosed amount of mercury (Hg). Any exempted UV source contains less than 5 milligrams (mg) of mercury (Hg). Where the product contains a UV source (fluorescent light) for water treatment and/or air disinfection, labelling requirements, SWIM reports every three (3) years and records of import retained for five (5) years are maintained.

**(EU) 2023/956 Carbon Border Adjustment Mechanism (CBAM)**

The compliance status includes recent updates, guidance, and rulings relevant to the import of carbon into the European Union (EU), including carbon credits. Labconco Corporation imports laboratory equipment as finished goods only, and less than 50 tonnes (50 metric tons) annually. CN Code(s) for the catalog numbers listed above are currently exempt from CBAM, as they are not listed in Annex I (EU) 2023/956. Per regulations, Labconco Corporation goods are exempt from reporting requirements. CO2 emissions for Catalog Numbers listed previously are:

Labconco Catalog Numbers	Direct Emissions (maximum)	Embedded Emissions (maximum)
All Catalog Numbers listed previously	26.8 kg	108.2 kg
except: 70xx1xxxx. 71xx1xxxx	57.9 kg	233.8 kg

**(EU) 2019/19 Waste Electrical & Electronic Equipment (WEEE)**

Products with the symbol below are required to comply with the European Union's Waste Electrical & Electronic Equipment (WEEE) Directive 2012/19/EU. Labconco Corporation has contracted with one or more recycling/disposal companies in each EU Member State, and this product should be disposed of or recycled through them. Further information on compliance with these Directives, the recyclers in your region, and information which may assist the detection of substances subject to the RoHS Directive are available at [www.labconco.com](http://www.labconco.com).



**IEC61249-2-21 / JEDEC JEP709 (Low Halogen)**

If goods purchased by Labconco Corporation contain bromine or chlorine, the amount/concentration (ppm) must be explicitly stated by the supplier. This product contains less than 400 ppm bromine or chlorine, and less than 800 ppm total halogens.



**United States EPA Significant New Alternatives Policy (SNAP)**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of substances present in accordance with the Significant New Alternatives Policy (SNAP) under Title VI of the Clean Air Act 1970 (Amended 1977, 1990). The Catalog Numbers listed previously contain the following refrigeration gases (shown in the table below), which are acceptable to use in Very Low Temperature (VLT) and/or Industrial Refrigeration (IR) End Uses, or if not listed as acceptable, Labconco Corporation has obtained a Letter of Completeness (available upon request) allowing use by Labconco Corporation until a final ruling.

**(EU) 2024/573 Fluorinated Greenhouse Gases (F-GAS)**

The compliance status includes recent updates, guidance, and rulings relevant to the use and communication of fluorinated greenhouse gases in articles. The Catalog Numbers listed previously contain the following refrigeration gases, which comply with the Global Warming Potential (GWP) requirements of this directive:

Labconco Catalog Number(s)	Refrigeration Gas(es)	Refrigeration Number	CAS Number (if applicable)	GWP	SNAP Refrigeration End-Use
70xxx0xxx 70xxx1xxx	Zeotropic Blend*	R-452A	See Note 1*	1945 (5 <sup>th</sup> Rev)	VLT
70xxx5xxx 70xxx6xxx	Propane	R-290	74-98-6	3 or less	N/A (EU Models only)
71xxx0xxx 71xxx1xxx	Zeotropic Blend* Ethane	R-452A R-170	See Note 1* 74-84-0	1945 (5 <sup>th</sup> Rev) 1 or less	VLT VLT
71xxx5xxx 71xxx6xxx	Propane Ethane	R-290 R-170	74-98-6 74-84-0	3 or less 1 or less	N/A (EU Models only) N/A (EU Models only)
72xx00xxx 72xx01xxx	Zeotropic Blend* Ethylene	R-452A R-1150	See Note 1* 74-85-1	1945 (5 <sup>th</sup> Rev) 3 or less	VLT VLT
72xx05xxx 72xx06xxx	Propane Ethylene	R-290 R-1150	74-98-6 74-85-1	3 or less 3 or less	N/A (EU Models only) N/A (EU Models only)
79490xx 79490xxx	Zeotropic Blend* Propane	R-448A R-290	See Note 2** 74-98-6	1273 (5 <sup>th</sup> Rev) 3 or less	IR N/A (EU Models only)

\*Note 1 (R-452A = Pentafluoroethane 354-33-6; 2,3,3,3-Tetrafluoropropene 754-12-1; Difluoromethane 75-10-5)

\*\*Note 2 (R-448A = Difluoromethane 75-10-5; Pentafluoroethane 354-33-6; 1,1,1,2-Tetrafluoroethane 811-97-2; 2,3,3,3-Tetrafluoropropene 754-12-1; trans-1,3,3,3-Tetrafluoroprop-1-ene 29118-24-9)