



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24157E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan  
<https://ecoleaf-label.jp/>

Canon Inc.

Canon Inkjet All-In-One TS9521Ca



### Functional unit

Per unit product

### System boundary

final products     intermediate products

Raw Material acquisition, Production, Distribution,  
Use & maintenance, and End-of-Life stage

### Main specifications of the product

Model name: Canon Inkjet All-In-One TS9521Ca

Specifications

- Printers and multifunction machines (Inkjet method)
- Maximum paper size:A3

### Company Information

Canon Inc.  
30-2, Shimomaruko 3-chome, Ohta-ku,  
Tokyo 146-8501, Japan  
+81-3-3758-2111

Registration#	JR-AI-24157E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	4/26/2024
Verification date	4/19/2024
Verification method	System certificaion
Verification#	JV-AI-24157
Expiration date	4/18/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO14025

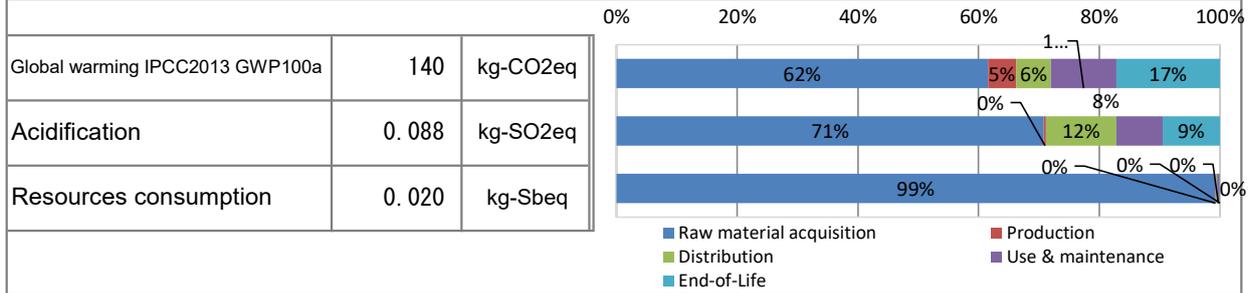
internal     external

\*Auditor's name is stated if system certification has been performed.

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1. Results of life cycle impact assessment (LCIA)



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a	kg-CO <sub>2</sub> eq	1.4E+02	8.4E+01	6.3E+00	7.9E+00	1.5E+01	2.3E+01	
Ozone layer destruction	kg-CFC-11eq	1.8E-05	1.8E-05	1.2E-10	1.4E-10	1.1E-07	1.7E-07	
Acidification	kg-SO <sub>2</sub> eq	8.8E-02	6.2E-02	3.4E-04	1.0E-02	6.8E-03	8.4E-03	
Resources consumption	kg-Sbeq	2.0E-02	2.0E-02	2.4E-05	3.3E-05	9.2E-05	5.4E-06	

2. Life cycle inventory analysis (LCI)

Parameter	Unit	Value
Non-renewable energy resources	MJ	1.9E+03
Renewable primary energy	MJ	3.1E+01

3. Material composition

Material	Value	Unit
Common Steel	19	%
Stainless Steel	0.23	%
Aluminium	0.17	%
Other Metal	1.5	%
Plastic	51	%
Rubber	0.21	%
Glass	5.5	%
Paper/Wood	17	%
Circuit Board	1.6	%
Others	4.0	%

5. Additional explanation

- Calculated in the following conditions;
- Printing paper is not considered.
  - Expected use period is 3 years.
  - The standard scenario for Multifunction Device (IJ type).
  - US market.
  - Print volume: 7,200 sheets.
  - The applied Energy Star program version is 3.0.



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#### 6-1. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.

Manufactured at ISO 14001 certified factories.

#### 7. Assumptions of secondary data used

IDEA v2.1.3, and registered data v1.13 of Japan EPD Program by SuMPO are used.

#### 8. Remarks

We evaluated the Ecoleaf with Canon's own data of raw materials weight and the general basic unit for the parts because it is difficult to collect the data for a couple of thousands of parts. Accordingly, the results may be different from the specific product specification. As such, please be advised that this result would be a rough

- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.  
(Reference URL : <https://ecoleaf-label.jp/regulation/>)

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