

T/CMBA

T/CMBA 018—2022

Bi osafety—Gui del i ne of descri pti on for pathogen safety data sheets

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2	1
3	1
4	4
5	4
6	5
	9

GB/T 1.1—2020

1

1

PSDS

2

GB 19489
GB 19781
WS 233
WS/T 422
RB/T 040

3

3.1

pathogen safety data sheet PSDS

3.2

pathogen

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3.3

pathogeni ci ty

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3.4

vi rul ence

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2

3.5

i nfecti ous dose I D

1		08 186
2		
3.6	median lethal dose LD ₅₀	
	50%	09 288
3.7	median infective dose ID ₅₀	
	50%	08 187
3.8	median tissue culture infective dose TCID ₅₀	
	50%	04 110
3.9	communicability	
	/	
3.10	host range	
3.11	viability	
3.12	latent period	
3.13	accident	
3.14	biological assessment	
3.15	personal protective equipment PPE	

3.16

/ primary containment device or equipment

/

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2

/
(BSO)

3.17

hazard classification

1
2
3
4

3.18

biosafety level BSL

1
2

BSL-1 BSL-2 BSL-3 BSL-4

3.19

biosafety laboratory

1
2

BSL-1 BSL-2 BSL-3 BSL-4
ABSL-1 ABSL-2 ABSL-3 ABSL-4

3.20

inactivation

/ /

3.21

Disinfection

3.22

Laboratory-associated infections LAI

Laboratory-Acquired Infections

3.23

zoonosis

3.24

route of transmission

3.25

standard operating procedure SOP

4

4.1

PSDS

4.2 PSDS

/

4.3 PSDS

4.4

PSDS

5

5.1 PSDS

12

a)

b)

c)

d)

e)

/

f)

g)

h)

/

i)

j)

k)

l)

5.2

PSDS

10

a)

b)

c)

d)

e)

f)

g)

h)

i)

j)

5.3

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PSDS

4

5.4

5.5 PSDS

PSDS

5.5.1

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5.5.2 PSDS

PSDS

PSDS

5.5.3

PSDS

5.6 PSDS

6

6.1

PSDS

1 12

6.1.1

a)

b)

c)

d)

e)

DNA

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RNA

6.1.2

a)

b)

c)

d)

e)

f)

6.1.3

a)

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b)

6.1.4

a)

b)

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pH

c)

d)

6.1.5

a)

b)

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c)

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6.1.6

a)

b)

c)

d)

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6.1.7

a)

424

b)

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c)

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d)

6.1.8

a) 9

b)

c)

6.1.9

a)

b) 5>ö?Ð ÿ,ÉÛ-A†• Ä k?± ÿF +ö Ì Ì3L@F'P aQ i4) 01αÄ kE @ 2 i4) P=ö >F (•\$À ~™<> D_b

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6.2.6		
6.2.5		
6.2.7		
6.1.9		
6.2.8		
6.1.10		
6.2.9		
8		
6.2.10		
6.2.1	6.2.9	

- [1] 424 20
- 04 .
- [2] 2020 .
- [3] 2
- 006 .
- [4] 45 2006 .
- [5] 53 2005 .
- [6] 503 2005 .
- [7] Canada Pathogen Safety Data Sheets. <https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/pathogen-safety-data-sheets-risk-assessment.html>.
- [8] Public Health Agency of Canada. (2004). In Best M., Graham M. L., Leitner R., Ouellette M. and Ugwu K. (Eds.), *Laboratory Biosafety Guidelines* (3rd ed.). Canada: Public Health Agency of Canada.
- [9] World Health Organization. *Laboratory biosafety manual*. Geneva:,3rd edition, 2004.
- [10] World Health Organization. *Laboratory biosafety manual*. Geneva:,4rd edition, 2020.
- [11] Centers for Disease Control and Prevention and National Institutes of Health U. S. *Biosafety in Microbiological and Biomedical Laboratories* 6th Edition 2020 Government Printing Office Washington: 2020.
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