ICS 07.080

C 04

SZDB/Z

SZDB/Z 187—2016

The Construction and Management Practices for Fish Spermbank

2016-04 -08 2016-05-01

.....II
.....III
1 1
2 1
3 1
4 2
5 3
6 4
7 4
8 4
9 6
10 6
A 7
B 9
C 12
.....13

GB/T 1.1-2009

3

90

1

2

GB/T 1.1-2009 1
GB 2894-2008
GB/T 5458-2012
GB 7000.2-2008 2-22
GB 13690-2009
GB/T 18883-2002
GB 19489-2008
GB 19652-2005
GB/T 20269-2006
GB/T 27025-2008
GB 50016-2006
GB 50052-2009
GB 50140-2005
GB 50346-2011
GB 50351-2005
AQ 3013-2008
CNAS-CL05-2009
MH/T 1019-2005

3

3. 1

fish

sperm bank

−196

information management system

laboratory biosafety

chemical safety

anti-freeze fluid

4

4.1

4.1.1

4.1.2

4.1.3

IT

4.1.4

4.2

4.2.1

GB/T 18883

16 28 30% 70%

4.2.2

30cm

4.2.3

4.2.4

GB 19489 350 lx

200 lx

4.2.5

GB 50052 GB 19489

4.2.6

GB 19489

4.3

WHO GB 19489

5

5.1

5.1.1

5.1.2

5.2

5.2.1

5.2.2

5.3

5.3.1

5.3.2

5.4

5.4.1

5.4.2

5.4.3

6

6.1

6.2

6.3

7

7.1

CNAS-CL05

7.2

7.2.1 AQ 3013
7.2.2 GB 13690

7.3

7.4

7.4.1
7.4.2

7.5

7.5.1 GB 19489
7.5.2 GB 50140

7.6

GB 15258 GB 2894

8

8.1

A

8.2

B

8.3

8.3.1

[ ].[ ].[ ].[ ].[ ].

C. semilaevis.20120909.2.3. *C. semilaevis* 20120909 2

3.

8.3.2

/

“_”

8.3.3

8.3.3.1

8.3.3.2

8.4

8.4.1

8.4.1.1 2 mL 50 mL

50 mL 50 mL

8.4.1.2 15

8.4.2

8.4.2.1

8.4.2.2

1)

2)

8.4.2.3

20h

5kg/day

8.5

9

9.1

9.2

9.3

9.3.1

9.3.2

10

10.1

10.2

10.3

10.4

10.5

A

A.1

A.2

A.3

0.22 +

A.4

1

a

b 0.22 μ m

4

c

d

D-15

TS-2 MPRS

C

e

DMSO 8 10%

2

3

80%

4

4 1:1 1:2

4 20-30min

5

1.0 ml 4.5ml 2 ml 5ml

6cm 10min 5min

6

5min

37

7

B

B.1

B. 2

B. 1

*	[ ].[ ].[ ].[ ].[ ].	*P leopardus*.20120909.2. 3.
		twNS0807001
*		*Plectropomus leopardus*
*		
		Coral trout
*		
*		
*		
*		
*		
		I
*		lw20120909002

*	/	
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*		
email*		
*		
*		

C

C.1

C.1

	D-15 1992	TS-2 Chen SL et al.,2004	MPRS Ji et al.,2004
NaCl mmol/L	136.75	—	60.35
NaH_2PO_4 mmol/L	—	—	1.80
$NaHCO_3$ mmol/L	—	—	3.00
KCl mmol/L	6.71	—	5.23
$CaCl_2$ $2H_2O$ mmol/L	—	—	1.13
$MgCl_2$ $6H_2O$ mmol/L	—	—	1.13
mmol/L	83.33	—	55.55
mmol/L	—	110	—
mmol/L	—	100	—
Tris-Cl mmol/L	—	10	—
pH	6.50	8.20	6.68
mOsm/L	363	310	202

[1]
[2]
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