

“

”

2005 3 ,

2009 3

138595.1

125968.6

103171.9

22796.8

1957 6

1959 4

——

1990 9

“ ” “ ”

(1993 12

)

2005

2009 3

25

“ ”

1

9

38

“

”

“

”

“ ”

“ ”

(

109 ° 03 ' 52 "

109 ° 26 ' 44 " 19 ° 20 ' 45 " 19 ° 38 ' 08 "

40

33

109 ° 18 ' 19 "

19 ° 27 ' 10 "

10 "

31

91

8

10 15

23.6

17.3

27.5

1704.7

3

16.5 25cm

60 10cm

1.730 ± 0.994

0.074 ± 0.055

84.512 ± 41.54 PPM

9.550 ± 12.34 PPM

70.752 ± 75.622 PPM

644

426

128

450

530

20

(“ ”)

10

CITES

2019

23.04

97.53

31.50

66.03

13.35‰

5.99‰

7.36‰

92.07

52.9%

20

		93%	
7%			
	582	237	
572	10		
254	237	81	1
	86.5%	9.4%	1.8%
1.7%	0.4%	0.2%	
		5.6	
70%	20%	10%	
	2019	357.64	
	6.5%	134.14	
2.3%		37.94	4.3%
	15.21	2.3%	22.78
	5.0%	185.56	
10.1%		37.5%	10.6%
51.9%		39065	
5663		5.6%	
	2019	6811.7	
4.81%	6226	284	4.36%
	6.29	24570	



138595.1

108696.4

100412.6

18866.9	13.6%
28702.8	20.7%
23593.2	17.0%

	138595.1	108696.4
78.4%	29904.7	21.6%
138595.1		
	100412.6	92.4%
1130.7		1.0%
3881.7		3.4%
3265.4		3.0%
29904.7		
29815.7		99.7%
319.3		0.3%

	108690.4
14609.8	13.4%
94080.6	86.6%

133478.9	1284611.85
----------	------------

	124868.0	1284611.85
	3216.3	
5394.6		
	100412.6	80.4%
986842.26	76.8%	
24455.5	19.6%	297769.59
23.2%		
	1130.7	35.2%
	2085.6	64.8%
	3881.7	
72.0%		1512.8
28.0%		
	133478.9	1284611.85
	133478.9	1284611.85

	19.7	0.01%	155.83
	0.01%		
	133459.2	99.99%	
1284456.02		99.99%	
	133478.9		1284611.85
	14607.5		
10.9%	132603.18	10.3%	
	118871.4	89.1%	
1152008.67		89.7%	
	133478.9		1284611.85
	14607.5	10.9%	132603.18
	10.3%		
	4087.9	3.1%	24344.33
	1.9%		
	114783.5	86.0%	
1127664.34		87.8%	
	133478.9		1284611.85

	125968.6	94.37%	
1259191.93		98.02%	
	3216.3	2.41%	
	4274.3	3.20%	25264.09
	1.97%		
	19.7	0.01%	155.83
	0.01%		
	133478.9		1284611.85
/	26546.0		3216.3
	19.9%	13198.25	1.0%
	4685.3	3.5%	27122.92
	2.1%		
	6248.8	4.7%	46020.27
	3.6%		
	21473.8	16.1%	243605.98
	19.0%		
	74525.1	55.8%	954664.43
	74.3%		

		130262.6	
1284611.85		9.62	
125968.6	1259191.93		
10.00	4274.3	25264.09	
	5.91	19.7	155.83
	7.93		
		3.31%	
42521	3.12%		39320
	12.60%	3183	
	11.17%	17	

1

2

3

4

1

2

3

10 2

2020 2024 2025 2029

2019 12 28

2018 3 19

2014 4 24

2018 12 29

2019 8 26

2014 7 29

2017 10 7

2016 2

6

([2003]9

)

LY/T 2007-2012

LY/T 2008-2012

GB/T 15776-2016

GB/T 15781-2015

LY/T 1646-2005

GB/T 18337.3-2001

2009 214

2004 251

LY/T 1594-2018

[2007]10

FSC

FSC-STD-CHN-01-2016

1-0

2013

2013 6 4

NY/T 221-2016

NY/T 1088-2006

2013 8

(2013 8)

()

(2014 1)

(2009 3)

(2015-2030)

“

”

¼¼Š:Uf !Ó•

“

”

“

”

3.1

	2020 2024		2025 2029	
1				
2				
3	6000		6500	
4	125 130		125 130	
5				
6	1100	6%	1100	6%
7	213		213	
8	10		10	
9	2100		2100	

Amor

9.0

14609.8

14607.5

2.4

14401.4

206.1

u\$

. Đ

19.7

,

,

89.0

“

”

“

”

“

”

“

”

“

”

FSC

FSC

7-20-59

PR107

7-33-97

1

30

15

5

“

”

“

”

“

”

1339

1233

24174

21900

2274

7

8

9

7

9

3

283829

25513

258317

1025467

[2013]114

‘

,

“

+ ”

125968.6

103171.9

22796.8

“ ”

“ ”

2015 2019

6685

6856

6273

6510

6226

6000

6500

10000

3000

2

17

10

60

‘ ,

11

5

30%

1

2

2

3

4

5

6

7

8

→

→

→

→

→

→

→

→

3

6.2

.3

7

7.1

50

7.2

7.3

3

8

8.1

2

3

2

+2

3

2

8.2

8.3

“

”

“

”

12 14

3

11

12

13

14

14.1

14.2

14.3

14.4

22266

416326

291428

2227

41633

29143

1

1.1

1.2

1.3

1.4

1.5

2

2.1

2.2

2.3

2.4

2.5

2.6

FSC

1

1.1

1.2

1.3

2

2.1

2.2

2.3

2.4

2.5

1

1.1

1.2

1.3

2

2.1

2.2

2.3

1

1.1

1.2

1.3

1.4

2

2.1

2.2

2.3

2.4

2.5

2.6

1

1.1

1.2

1.3

1.4

1.5

1.6

2

2.1

2.2

2.3

2.4

2.5

rn

1

1.1

1.2

2

2.1

2.2

2.3

1

1.1

1.2

2

2.1

2.2

2.3

2.4

2.5

2.6

60 70

20 208 4 205 4 303 6

307 2 406 4

70 , ,

2 312 1

510 1

265.4 112

113.4

850 6 97335 60 9733.5 2020
100 138595 6% 11204 80
25513 1350 12474 3444
258317 600

15499		1025467	280
	28713		
	1470	20	
200		150	1500
	20	200	
800	8000		
	103071	10307.1	
	62500	1.4	
	87500	291428	
500		14571	
1000			
	5737	573.7	



10

2020 2029