

# SW

SW/T 5—2013

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( Goto Kola Extract )

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2013-9-10

2013-10-1

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A

B

1

2

GB4789.2  
GB4789.3  
GB4789.4  
GB4789.10  
GB4789.15  
GB4789.38  
GB5009.3  
GB5009.4  
GB/T5009.11  
GB5009.12  
GB/T 5009.13  
GB/T 5009.15  
GB/T 5009.17  
GB/T 5009.74  
GB 9685

3

Goto Kola Extract





Hg mg/kg	≤0.1
Cu mg/kg	≤5.0
1	4

: 4

4

cfu/g	≤1000
cfu/g	≤100
MPN/g	≤3.0

5

5.1

5.2

A.2

GB 5009.3

GB 5009.4

A.3

Pb

GB/T5009.74

GB 5009.12

GB/T 5009.15

GB5009.11

GB/T 5009.17

GB/T 5009.13

5.3

GB4789.2

GB4789.15

GB 4789.3

MPN

GB 4789.38

GB4789.4

GB4789.10

6

6.1

GB 9685

6.2

6.3

6.4

20cm

6.5

24

A

A.1

GB/T 6682

A.2

4      2 mmol/L      pH=4      2.27 g      1000 mL      pH  
          0.1 mL                    0.45 $\mu$ m

4

0.01mg

0.45  $\mu$ m

Luna C18 250 mm  $\times$  4.6 mm 5 $\mu$ m

a      A 2 mmol/L      pH=4      A.2.1.6

b      B

A1



A1		
Time min	B%	A%
0.00	24.00	76.00
20.00	24.00	76.00
60.00	45.00	55.00
75.00	45.00	55.00
76.00	24.00	76.00

25

0.8 mL/min

205 nm

5 $\mu$ L

0.6 mg/mL

0.45  $\mu$ m0.45  $\mu$ m

10% 150 mg 25 mL  
0.45  $\mu$ m

$W_i$  % (A1)

$$W_i \equiv \frac{[A + (B \times 1.017) + (C \times 0.526) + (D \times 0.509)] \times c_i \times V \times P}{A_i \times m} \times 100\% \quad A1$$

A—

B—

C—

D—

 $c_i$ —

mg/mL

V—

mL

$P$ —— %

$A_i$ ——

$m$ —— mg

1.017——

0.526——

0.509——

A.3

80

0.001 g

40 g

0.001g

80

5 min

80

$W_2$  %

(A2)

A2

$$W_2 = \frac{m_2}{m_1} \times 100\%$$

A2

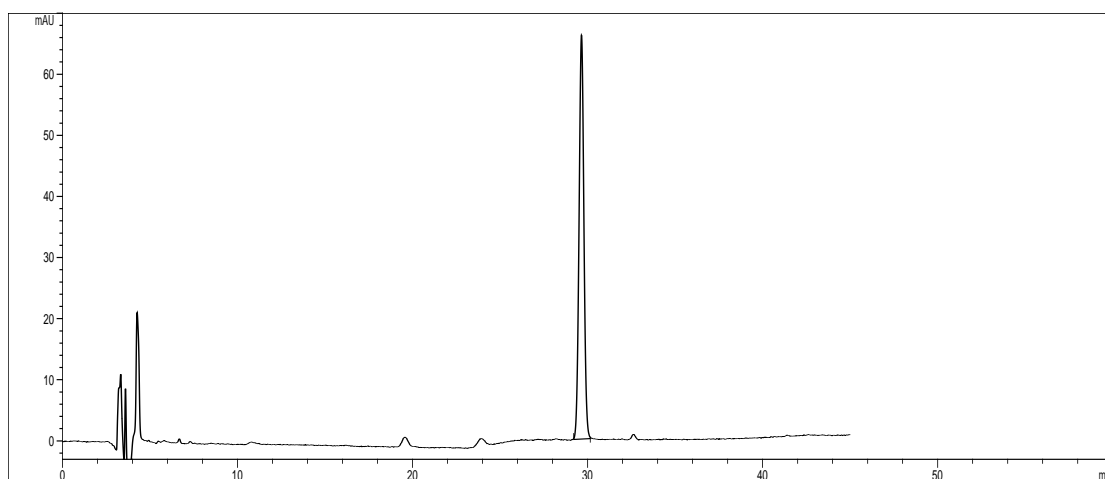
$m_1$ —— (g)

$m_2$ —— (g)

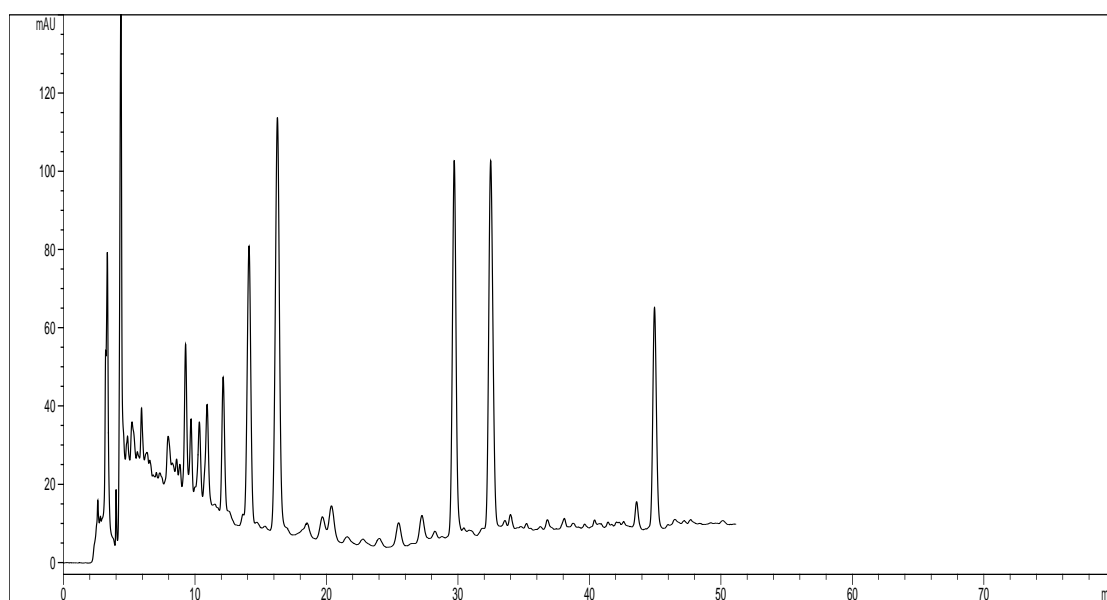
B

B.1

B.1 B.2



B1



	min	
	16.88	0.56
	30.36	1.00
	57.43	1.89
	68.71	2.26

B

Luna C18

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