

()

(Ferula galbaniflua)

*

(// : // :)

(Ferula galbaniflua)

()

()

(HPLC)

()

() pH (°C)

pH

pH

HPLC

Ferula

Galbaniflua

Ferula Gumosa

(.)

/ °C
/ g/cm³

()

(.)

(Galbanum)

%

ε

%

%

%

()

()

...

()

()

(*Ferula galbaniflua*)

()

/ %

%

/ %

/ %

/ %

/

MERCK

()

()

... :
/ %
(Shimadzu UV 160)

() A.O.A.C

/ % °C
()

%
°C

%
()

)

/

pH (°C)
()

HPLC

(KNAUER) HPLC
(Length * ID: 300 * 8 EUROKAT H

()

IR mm

mg/100 ml)

) (/ / /

(

$$\text{Yield}(\%) = \frac{A}{B} \times 100$$

HPLC

A

) B

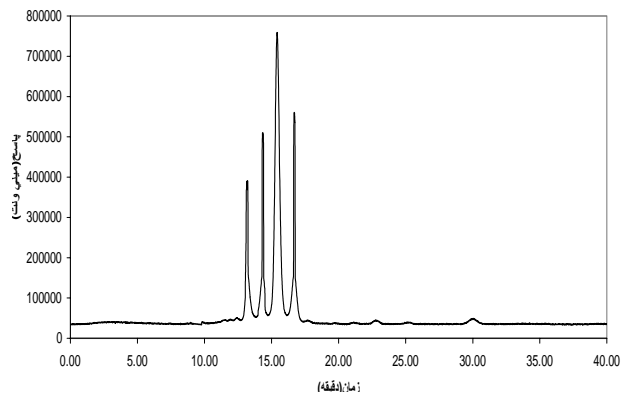
HPLC

(

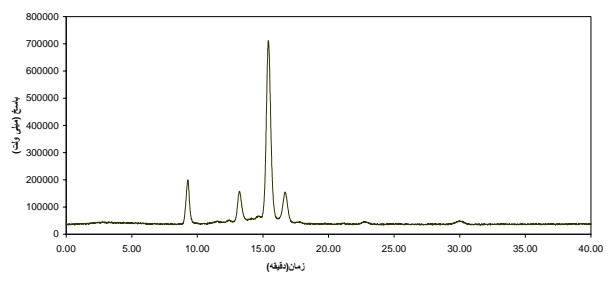
/ ml/min

/ N

°C



(



(

HPLC

: (:
 : (:
 : :

()

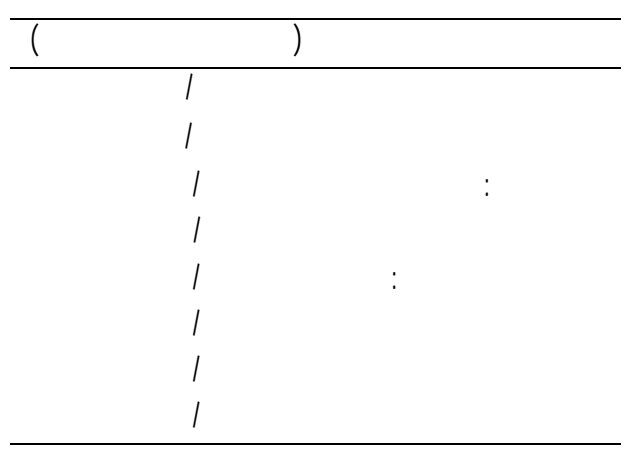
%

pH

MSTATC

EXCEL

HPLC

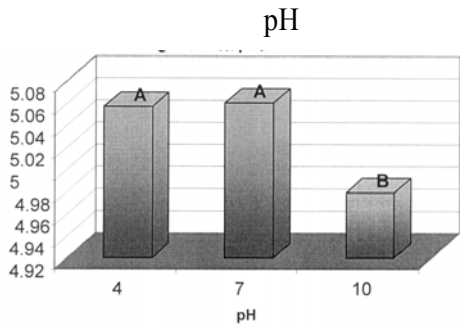


)

(

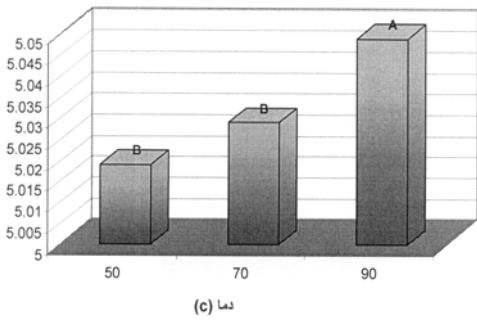
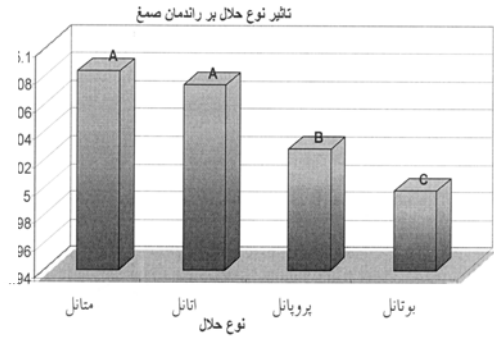
()

()



PH =

()



pH

%

pH

B A

pH

pH =

pH

pH

()

()

pH

%

pH

pH =

pH

%

B A

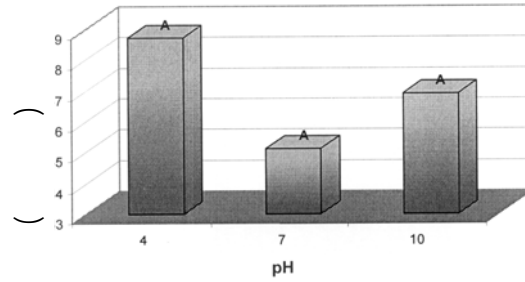
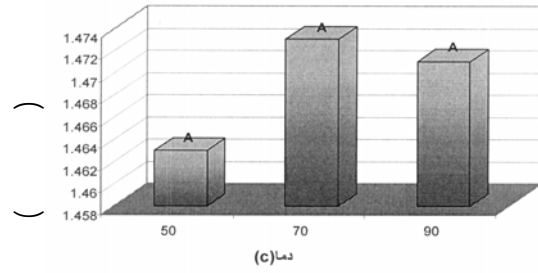
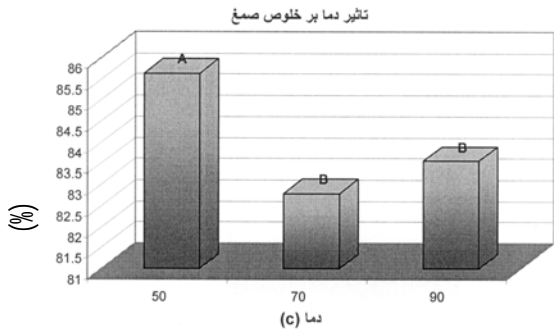
°C

°C

°C

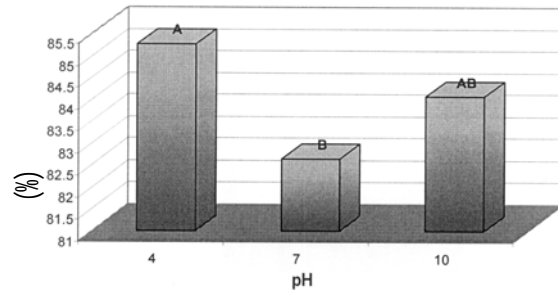
()

°C
()



PH

pH



PH

pH

pH=

%

°C

B A

pH

°C °C

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