

علوم و تکنولوژی محیط زیست ، شماره ۲۶ ، پاییز ۸۴

*Email : [M\\_kashefi@yahoo.com](mailto:M_kashefi@yahoo.com)*

*Email : [Ka\\_seyyedi@yahoo.com](mailto:Ka_seyyedi@yahoo.com)*

Archive of SID

$ml$   
 $A/m^2$   
 $g/l$   
 $cm$   
 $\%$   
 $cm^2$   
 $ppm$

:( )

(

(

(

.( )

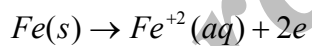
.( )

)  $(n = 2 \text{ و } 3) Fe(OH)_n$

:(

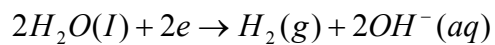
:

( )



:

.( )

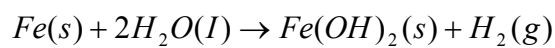


( )

( )

( )

:



( )

( )

$Fe(OH)_n$

( )



( )

$C$   $C_0$

$$R\% = \{(C_0 - C) / C_0\} \times 100$$

$ml$

ADAK PS A

( ppm : ) Jenway

Fluka

$nm$   $\lambda_{max}$  ppm

( )

( )

( )

$\lambda_{max}$

$ml$

( ppm)

DC

$\lambda_{max}$  ( )

( )

$ml$

Archive of SID



$cm^3$   $ppm$   $cm^3$   
 $g/l$   $NaCl$   $min$   $g/l$   $NaCl$   
 $A/m^2$   $cm$   $cm^2$   
 $cm$   $cm^2$   $(A/m^2)$   $SI$

( )

( )  
%  $min$

$min$

$A/m^2$

( )

Archive of SID

$A/m^2$

%

( )

( )

$ml$

$A/m^2$

$ppm$

:

$g/l$   $NaCl$

$cm$



$cm^2$

$min$

%

*NaCl*

( )

( )

$cm$

% /  $cm$

$ppm$

$ml$

$min$

$A/m^2$

$cm$

$cm^2$

*NaCl*

$g/l$

%

$ml$

$A/m^2$

$ppm$

$g/l$  *NaCl*

$min$

$cm^2$

%

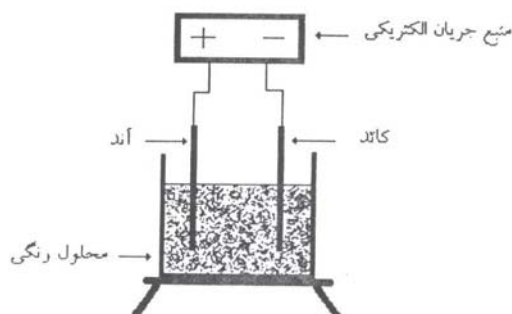
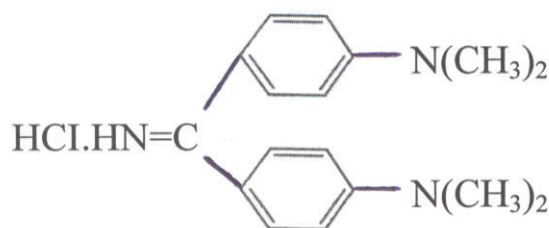
$cm$

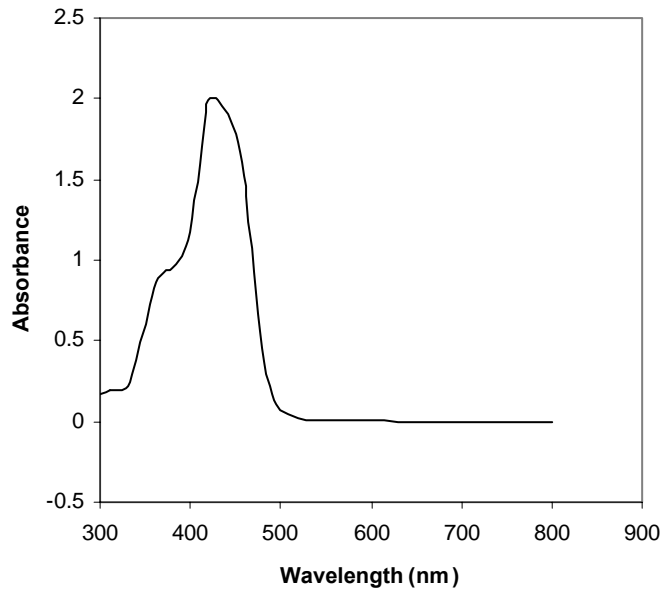
( )



2. Asce , A.; 1990, *Water treatment plan design* , Mc Grow Hill , p 77 – 105.
3. Chen, G.; 2004, *Electrochemical technologies in wastewater treatment, Separation and purification technology*, vol 38, p 11-41. ppm
4. Daneshvar , N. ; Ashassi , H. ; Kasiri , M.B.; 2004, *Decolorization of dye solution containing acid red 14 by electrocoagulation with a coparative investigation of different electrode connections*, *Journal of Hazardous Materials*, vol 112, p 55-62. ( % % )  
ppm %
5. Daneshvar , N. ; Salari , D. ; khataee , A.R. ; 2003, *The effect of operational parameters on the photocatalytic degradation of azo dye acid red 14 by UV/ZnO process*, *J. photochem. Photobiol .* , vol 157, p 111 – 116. ml
6. Gurses , A. ; Yalcin , M.; 2002, *Electrocoagulation of some reactive dyes: A statistical investigation of some electrochemical variables*, *Waste Management* , vol 22, p 491- 499. cm  
l cm<sup>2</sup>  
min  
%  
l A/m<sup>2</sup>  
g/l  
ppm
7. Mameri , N. ; Lounici , H.; 2001, *Defluoridation of sahara water by small plant electrocoagulation using bipolar aluminium electrodes*, *Separation and purification Technology*, vol 24, p 113 – 119.
8. Mameri , N. ; Yeddou , A.R.; 1998, *Defluoridation of septentrional*

11. Rain T.; 1995, *Water and wastewater treatment Technology*, p 210.
12. Robinson, V.; 2000, *A new technique for the treatment of wastewater*, *Enviro. Conference, Darling Harbour , Sydney , 10 – 12 April*.
13. Sanroman , M.A. ; Pazos , M. ; 2004, *Electrochemical decolorization of structurally different dyes* , *Chemospher* , vol 57 , p 233-239.
14. Tebbutt , T.H.Y.; 1999, *Principles of water quality control* , *Fifth edition* , p 151– 161.
9. Matteson, M.J.; Dobson, R.L.; Glenn, R.W.; 1995, *Electrocoagulation and separation of aqueous suspension of ultrafine particles*, *Colloids and surfaces*, vol 404, P 101 – 109.
10. Mollah , M.Y.A. ; Schennach , R.; 2001, *Electrocoagulation (EC)- Science and applications*, *Journal of Hazardous Materials* , vol 84, p 29 – 41.





*ppm*

