

//
//

()

*

ppm

g

ηm

Pearson

ppm

ηm

(r²) Pearson

% / / % / /

%CV

±

/ / mg/m³

(.)
National Institute of Occupational Health and Safety (NIOSH) (Metal Working Fluids)

/
()

(.)
NIOSH

NIOSH
cellulose mixed cellulose (C₁₀-C₁₈)

Fourier Transform Infrared Spectrometry

/ /
(.)

()
NIOSH

/

(.)
NIOSH

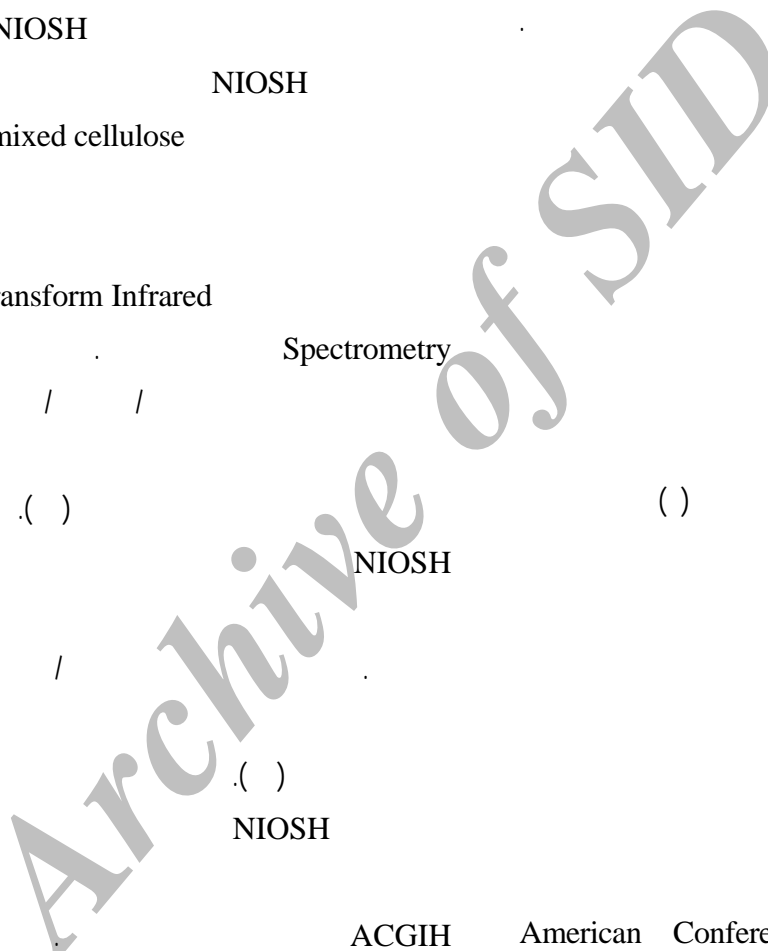
(.)

ACGIH American Conference of Governmental Industrial Hygienists (ACGIH)

mg/m³

(.)

() ACGIH ()
/



/ / Lit/min
Lit

(°C)

(Cecil CE 2021)

ppm

Merck (%) n-petane:
mixed cellulose ester (MCE)

mm

SKC

()

) Pearson

(

(Coefficient of Variation)

ppm

g

nm

ppm

) μl
(/ g/ml

ppm

(°C)

ml

ppm

ppm

$y=0.0245\chi+0.1904$ $y=0.0213\chi+0.4632$

Pearson

$y=0.018\chi+0.633$

MCE

SKC

(open face filter holder)

/ / /

/ μm

mm

()

μm

Poly Vinyl Chloride

NIOSH ()

()

NIOSH ACGIH / /

NIOSH ()

() NIOSH ()

NIOSH / /

() ()

(Fourier Transform Infrared Spectrometry)

(Ultra Violet & Visible Spectrometry)

()

NIOSH () NIOSH

ηm °C

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