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(TLC)

$R_f$

(DAP)

%

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(Numerical-Taxonomy) ( )

(Chemotaxonomy) ( )

(Serology)

(Phylogeni) ( ) ( )

( )

( ) ( )

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( )

( )

A3  $\gamma$  I ( )

(Geosmin)

( )

(L-DAP)

DNA

( )

%

\*

(bp 60-80°C)

TLC

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(Kodak 13255)

/ )

(*meso*-DAP)

( *LL*-DAP & D-DAP

: : :

(V/V)

(W/V)

/

R<sub>f</sub>

(DAP)

(Sporulation)

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(%)

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TLC

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( / ) ( / ) ( / ) ( / ) ( / ) ( ) ( / )

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(meso-DAP)

(LL DAP)

R<sub>f</sub>

DAP		
meso - DAP	LL - DAP	
% /	% /	
% /	% /	
% /	% /	
	%	
	%	
	%	
	%	

DAP

DAP

R<sub>f</sub>

R<sub>f</sub>

(LL-DAP)

(meso-DAP)

( )

(LL-DAP)

( )

(meso-DAP)

%

DAP

( )

( )

( )

( )

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/

pH

pH

pH

pH

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( )

DNA

RNA

(

pH

( )

( )

(L-DAP)

)

( ...

GLC

DAP

Mass-Spectrophotometry, TLC, HPLC, GLC

DAP

(L-DAP)

(LL-DAP)

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