

(2)

가 가 .

가

(glucose fructose)

, raffinose melezitose .

sucrose, trehalulose, turanose, palatinose 가 .

inulin(35 가

fructose , Sigma # I-3754) < 1 3>.

sucrose glucose

Wyatt .

가 가

, DP 5~12

가 가 .

minicard

가

가 < 2 3>

sucrose trehalulose 0.08~0.10%

가 . Turanose 0.2~0.4% 가

()

< 4> 0.08~0.10%

가 . melezitose glucose < 5 6>

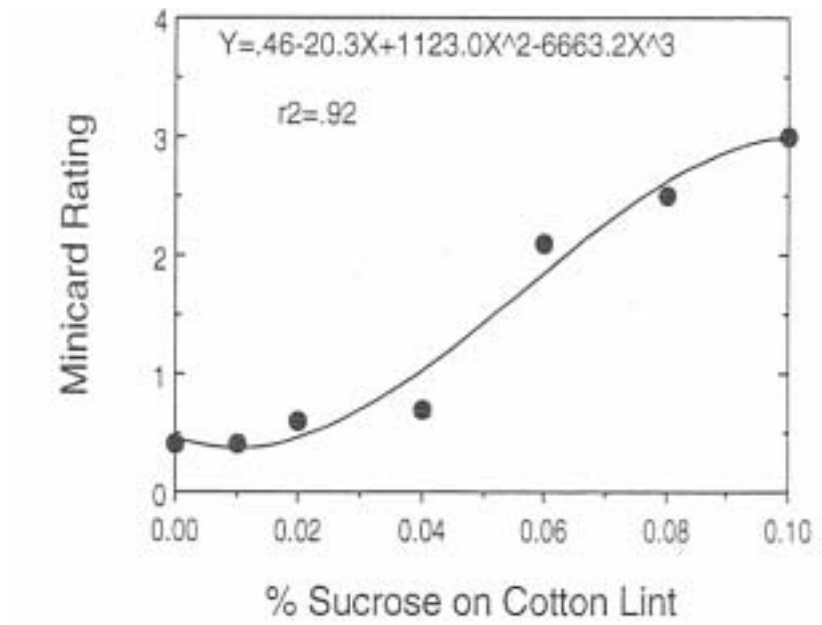
0.6% .

Fructose

1%

<

7>.



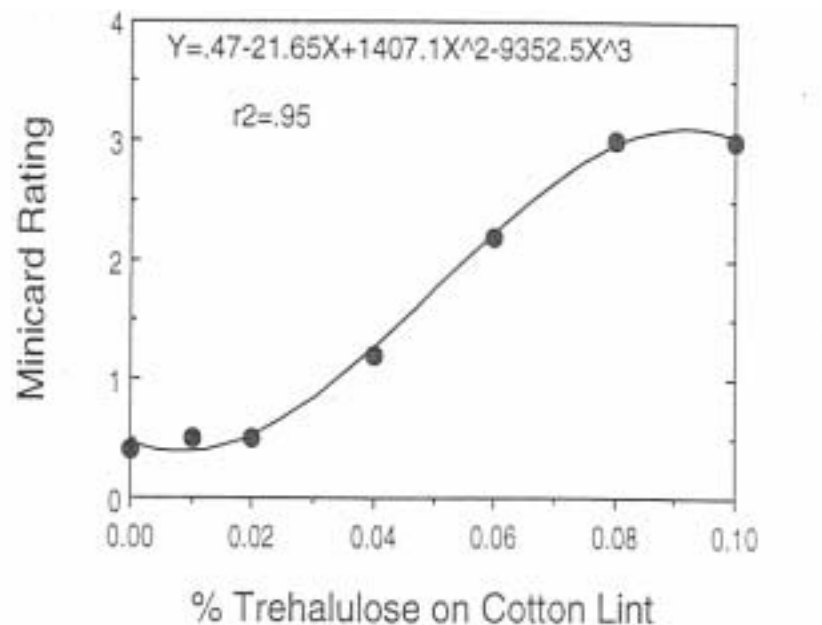
<

2>

sucrose

minicard

5



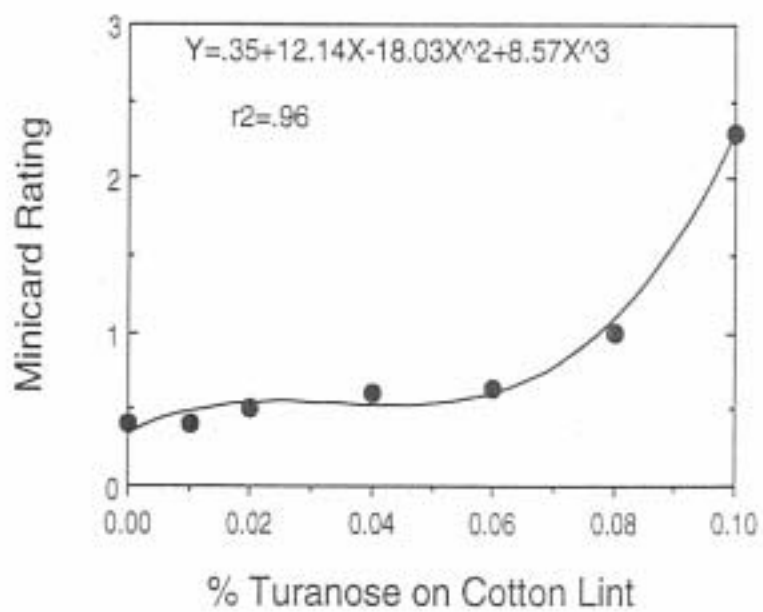
<

3>

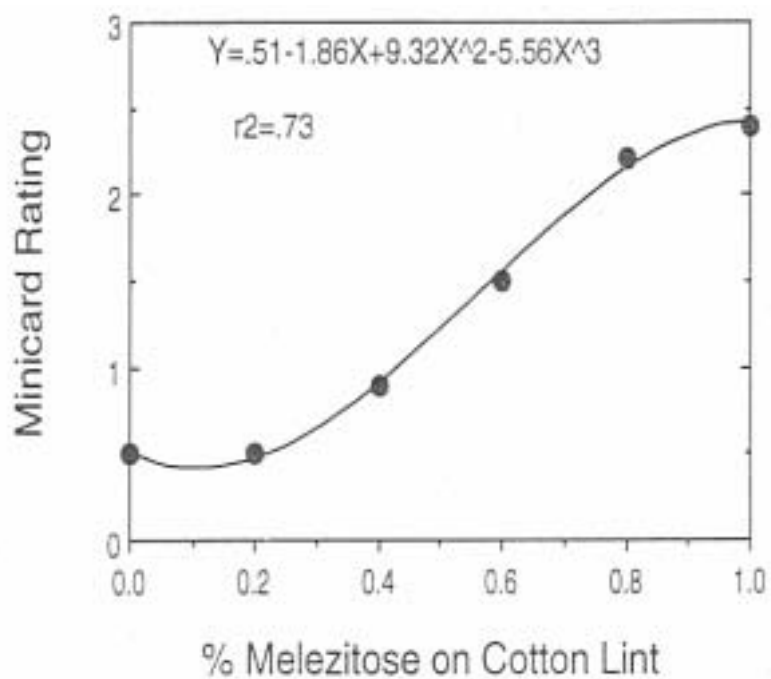
trehalulose

minicard

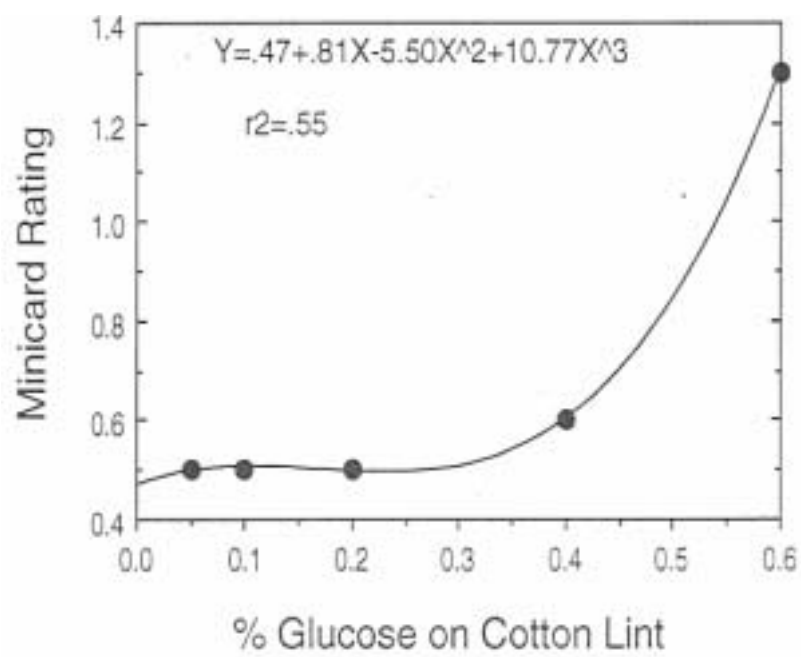
5



< 4> turanose minicard
 . 5 .

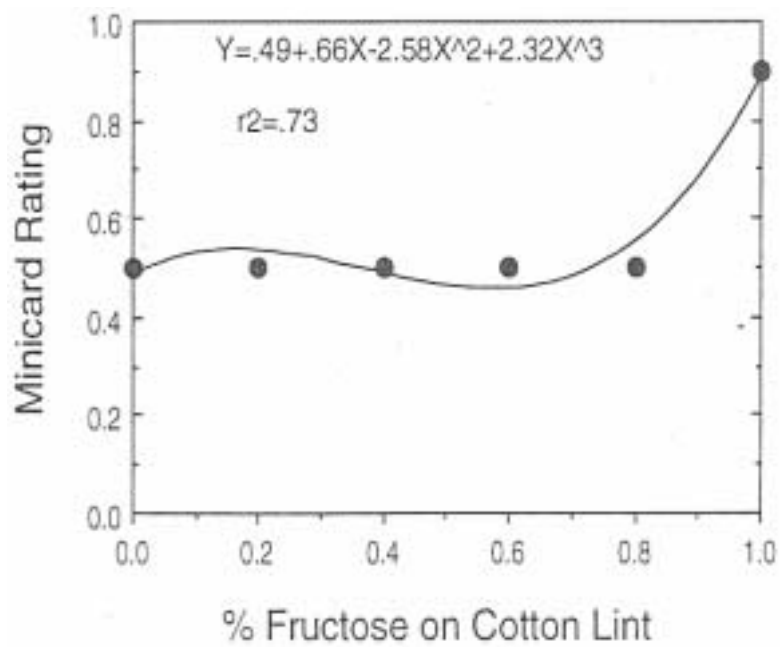


< 5> melezitose minicard
 . 5 .



< 6> glucose minicard

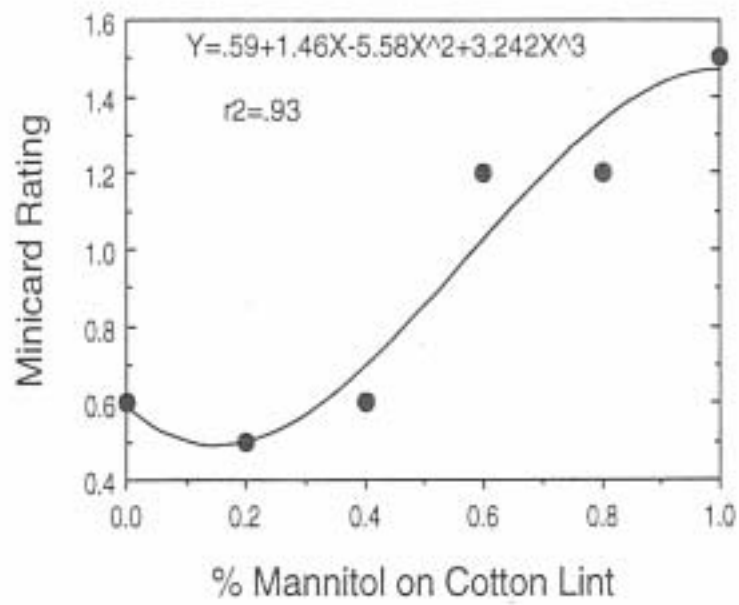
5



< 7> fructose minicard

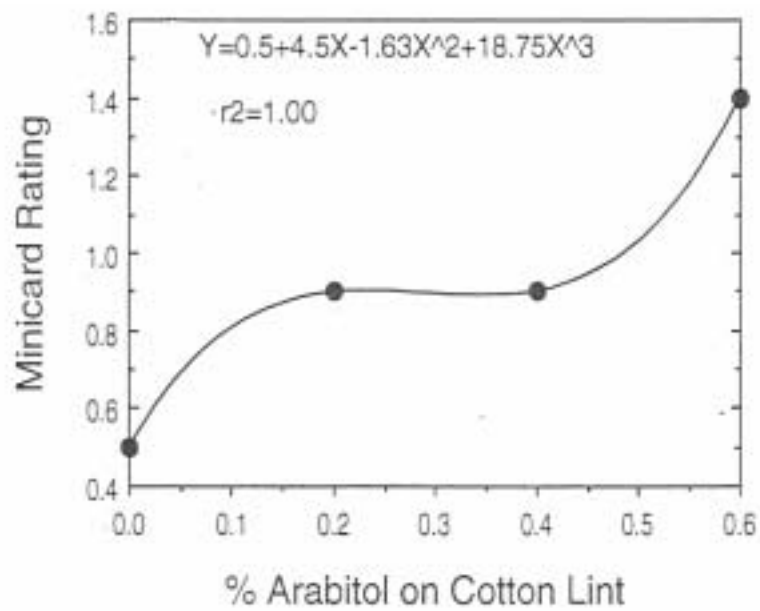
5

가 mannitol, arabitol < 11>.



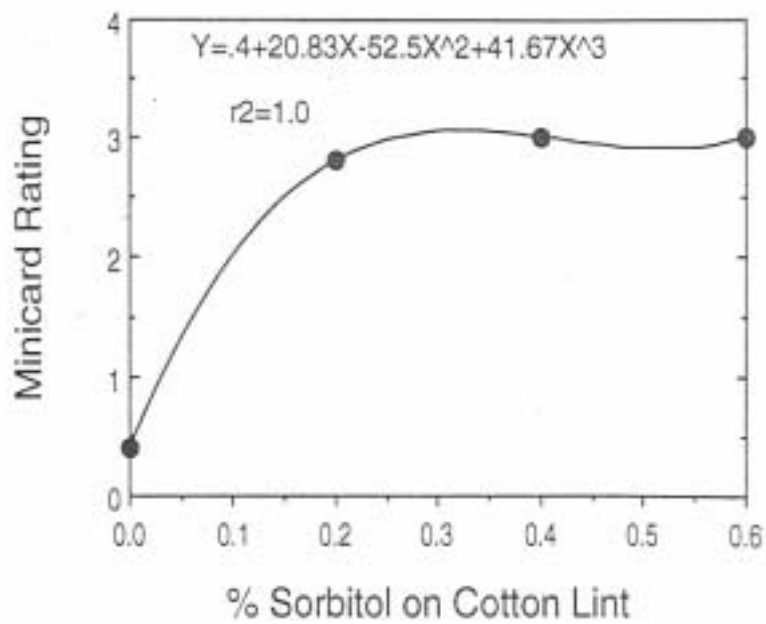
< 9> mannitol minicard

5



< 10> arabitol minicard

5



< 11>

sorbitol

minicard

5

(trehalulose, melezitose, turanose, glucose,

fructose)

(glucose, fructose, sucrose)

가

가

가 .

가

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minicard

가

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. (

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mannitol arabitol

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가

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