

Substance Report Form

Identification

Name _____

Other names _____

References

Classification Chemistry

Dextrose equivalents _____
(relevant for starch-based substances only)

References

Group membership

- | | |
|--|--|
| <input type="radio"/> pure saccharide | <input type="radio"/> pure sugar alcohol |
| <input type="radio"/> monosaccharide | <input type="radio"/> raw/processed material |
| <input type="radio"/> disaccharide | <input type="radio"/> • saccharides |
| <input type="radio"/> oligosaccharide | _____ : - - % |
| <input type="radio"/> polysaccharide | _____ : - - % |
| <input type="checkbox"/> cellulose | _____ : - - % |
| <input type="checkbox"/> glucan | _____ : - - % |
| <input type="radio"/> alpha | _____ : - - % |
| <input type="radio"/> beta | _____ : - - % |
| <input type="checkbox"/> fructan | _____ : - - % |
| <input type="checkbox"/> mannan | <input type="radio"/> • others |
| <input type="checkbox"/> glucomannan | _____ : - - % |
| <input type="checkbox"/> galactomannan | _____ : - - % |
| <input type="checkbox"/> galactan | _____ : - - % |
| <input type="checkbox"/> arabinogalactan | |
| <input type="checkbox"/> other _____ | |

References



Physiological Effect

Metabolized in mouth, stomach, small intestine,
 large intestine (upper, lower), liver / Not metabolized

kcal/g _____

Glycemic index _____

Senses / Experience

Relative sweetness (to sucrose) _____

Other
(cooling effect in the mouth,
laxative effect, etc.) _____

Economy

Price (absolute or relative to sucrose) _____

Functional characteristics
(e.g. isomalt can be molded
and stretched for decorations) _____

Regulatory

- Is covered by the FDA added sugar definition (21 CFR 101.9(c)(6)(iii) on [page 33833](#) of the Nutrition Facts Label Final Rule)

References

References

References

References

References

References

References

References

Voluntary Information

About you

If you want to be credited for your contribution, please tell us what name to use

Name _____

If you want to make keeping tabs easier for us, please state your e-mail address so we can find your contribution quicker

E-Mail _____

(Your address will be used for the Sugar Project exclusively. It will not be published, sold or passed on to anyone outside the Sugar Project)

If we decided to go beyond a mere list and have structured one-page substance descriptions, would you be interested in writing one of those?

yes, I would be interested

General Feedback

The Sugar Project is work in progress. If you have any ideas to improve the form or the process, please let us know.

For example:

Did you find this exercise rewarding, challenging, etc. and how could we improve the experience?

Did you discover a sugar scientist we should know about?

Did you discover databases or information resources that may be helpful to other volunteers?

Did you come across sources or concerns from non-scientific sources, expressing concerns or issues that will need scientific confirmation, but worth investigating if true?

Any other general suggestions or concerns?

Instructions

When presented with check boxes or circles, please check all those that apply. If it's a circle, that indicates that only at most one should be checked.

When presented with multiple fill-out lines, please use as many as necessary

Example for "glucose"

Group membership

<input checked="" type="checkbox"/> pure saccharide	<input type="checkbox"/> pure sugar alcohol
<input checked="" type="checkbox"/> monosaccharide	<input type="checkbox"/> raw/processed material
<input type="checkbox"/> disaccharide	• saccharides
<input type="checkbox"/> oligosaccharide	_____ : - - %
<input type="checkbox"/> polysaccharide	_____ : - - %
<input type="checkbox"/> cellulose	_____ : - - %
<input type="checkbox"/> glucan	_____ : - - %
<input type="checkbox"/> alpha	_____ : - - %
<input type="checkbox"/> beta	_____ : - - %
<input type="checkbox"/> fructan	_____ : - - %
<input type="checkbox"/> mannan	• others
<input type="checkbox"/> glucomannan	_____ : - - %
<input type="checkbox"/> galactomannan	_____ : - - %
<input type="checkbox"/> galactan	_____ : - - %
<input type="checkbox"/> arabinogalactan	
<input type="checkbox"/> other _____	

Example for "high fructose corn syrup"

Group membership

<input type="checkbox"/> pure saccharide	<input type="checkbox"/> pure sugar alcohol
<input type="checkbox"/> monosaccharide	<input checked="" type="checkbox"/> raw/processed material
<input type="checkbox"/> disaccharide	• saccharides
<input type="checkbox"/> oligosaccharide	fructose : 42-43%
<input type="checkbox"/> polysaccharide	glucose : 31-32%
<input type="checkbox"/> cellulose	maltose : 1-2%
<input type="checkbox"/> glucan	other polyols : 2-3%
<input type="checkbox"/> alpha	_____ : - - %
<input type="checkbox"/> beta	_____ : - - %
<input type="checkbox"/> fructan	_____ : - - %
<input type="checkbox"/> mannan	• others
<input type="checkbox"/> glucomannan	water : 23- %
<input type="checkbox"/> galactomannan	_____ : - - %
<input type="checkbox"/> galactan	_____ : - - %
<input type="checkbox"/> arabinogalactan	_____ : - - %
<input type="checkbox"/> other _____	

Please cite as follows:

- Books: Author, book title, year of publication, page
- Article: Author, article title, publication name, year of publication, pages

If the source has a Digital Object Identifier (DOI), please include it

If the only source you can find is a website, please double check if it references a book or an article. Only if not, please cite the URL with access date

Please return this form to wolfram@perfact.co after saving with "save" or "save as". Using "print" will render form information inaccessible.