

Learning Technical English



for the Life Science Industries

June 27, 2007 vol. 1

Have fun and learn

The excerpt below is taken from a recent 'Journal of Food Science' (Issue March 31, 2007). With that, I want to introduce you to learning specific terminologies of the various sectors of the Life Science Industries so your communication in an international industry environment gets easier.

Making Chocolate with Bubbles



Researchers with the Nestlé Product Technology Centre have investigated the sensory properties of 4 types of bubble-containing chocolates, produced by different gases; carbon dioxide, nitrogen, nitrous oxide, and argon.

The structures of these chocolates were characterized in terms of gas hold-up values determined by density measurements and bubble size distribution.

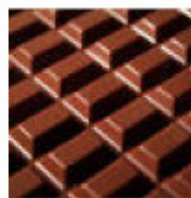
A sensory study was undertaken by a non-expert panel of 20 panelists and their responses were analyzed using qualitative descriptive analysis. The results show that chocolates made from the 4 gases could be divided into 2 groups on the basis of bubble volume and gas hold-up: the samples produced using carbon dioxide and nitrous oxide had a distinctly higher gas hold-up containing larger bubbles in comparison with those produced using argon and nitrogen.

The sensory study also demonstrated that chocolates made with the latter were perceived to be harder, less aerated, low to melt in the

mouth, and having a higher overall flavour intensity. These products were further found to be creamier than the chocolates made by using carbon dioxide and nitrous oxide; the latter sample also showed a higher intensity of cocoa flavour.

The Learning Technical English Newsletter

Steven Hanft M.A., President of *CONUS Business, Advice & Training*, created this LTE - Learning



Technical English - Newsletter. The goal is to help people working in the life science industries to acquire better language performance skills. These are essential in building cross-cultural insights and especially crucial during

negotiations with global customers and business partners.

If you'd like to share this LTE Newsletter with friends and colleagues, feel free to forward this issue, including the copyright notice. And, invite them to subscribe so they receive the next issue of the LTE Newsletter on their own.

Don't let language be a barrier to your success!

Check your understanding of the article 'Making Chocolate with Bubbles'



If you click on the questionnaire link you will find questions on the text above. You are invited to answer these and return the responses to Steven Hanft, *CONUSBAT*.

We look forward to your replies.