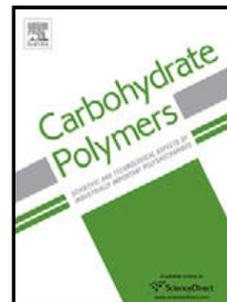


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Author: Valery Normand Anandaraman Subramaniam Jeffrey Donnelly Pierre-Etienne Bouquerand



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1 Spray drying: Thermodynamics and Operating Conditions

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3 Valery NORMAND^{1*}, Anandaraman SUBRAMANIAM¹, Jeffrey DONNELLY¹ and Pierre-
4 Etienne BOUQUERAND².

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6 (*) To whom correspondence should be addressed:

7 Valery NORMAND

8 Corporate R&D Firmenich Inc

9 250, Plainsboro Road, Plainsboro, NJ, USA

10 Tel: +1 609 580 4457

11 valery.normand@firmenich.com

12

13 1. Firmenich Inc., 250 Plainsboro Road, Plainsboro, NJ, USA

14 2. Firmenich SA, 7, rue de la Bergère, Meyrin II, GENEVA, CH

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17 Keywords:

18 Maltodextrins, psychrometric chart, yield of water evaporation.

19

20 Highlights

21 Method for spray drying low molecular weight carbohydrate solutions.

22 T_g – water concentration and water content – RH(T) are combined.

23 T_g – Absolute Humidity curves are constructed and used.

24 Best inlet / outlet parameters are designed for optimal drying.

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