

## ALL PUBLICATIONS BY CHRIS MORETON

Wotton, P.K., Wade, G. and **Moreton R.C.**, Excipients, in International Pharmaceutical Product Registration - Aspects of Quality, Safety and Efficacy, Cartwright, A.C. and Matthews, B.R. (Eds.), Ellis Horwood, London, UK, (1994), Chapter 5, 148 - 171.

**Moreton, R.C.**, Sugar Spheres, in The Handbook of Pharmaceutical Excipients, 2nd ed., Wade, A. and Weller, P.J. (Eds), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, (1994), 510 - 511.

**Moreton, R.C.**, Hydrogenated Vegetable Oil, Type I, in The Handbook of Pharmaceutical Excipients, 2nd ed., Wade, A. and Weller, P.J. (Eds), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 1994, 544 - 545.

**Moreton, R.C.** and Armstrong, N.A., Design and use of an apparatus for measuring diffusion through glycerogelatin films, Int. J. Pharm., (1995), 122, 79 - 89.

**Moreton, R.C.**, Tablet excipients to the year 2001: A look into the crystal ball, Drug Dev. Ind. Pharm., (1996), 22, (1), 11 - 23.

**Moreton, R.C.**, New Excipients - From Idea to Market? European Pharmaceutical Review, (1997), 2, (3), 15 - 20.

**Moreton, R.C.** and Armstrong, N.A., The effect of film composition on the diffusion of ethanol through soft gelatin films, Int. J. Pharm., (1998), 161, 123 - 131.

**Moreton, R.C.**, New Excipients - From Idea to Market? American Pharmaceutical Review, (1998), 1, (1) 6 - 12.

**Moreton, R.C.**, Aspects relating to Excipient Quality and Specifications, Pharm. Technol. Europe, (1999) 11, (12), 26 - 29.

**Moreton, R.C.**, Sugar Spheres, in The Handbook of Pharmaceutical Excipients, 3rd ed., Kibbe, A.H. (Ed.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2000, 548 - 549.

**Moreton, R.C.**, Hydrogenated Vegetable Oil, Type I, in The Handbook of Pharmaceutical Excipients, 3rd ed., Kibbe, A.H. (Ed.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2000, 578 - 579.

**Moreton, R.C.**, Dibasic Calcium Phosphate Dihydrate, in The Handbook of Pharmaceutical Excipients, 3rd ed., Kibbe, A.H. (Ed.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2000, 63 - 67.

**Moreton, R.C.**, Dibasic Calcium Phosphate Anhydrous, in The Handbook of Pharmaceutical Excipients, 3rd ed., Kibbe, A.H. (Ed.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2000, 60 - 62.

**Moreton, R.C.**, Calcium Sulfate, in The Handbook of Pharmaceutical Excipients, 3rd

ed., Kibbe, A.H. (Ed.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2000, 73 - 76.

**Moreton, R.C.**, Silicified Microcrystalline Cellulose, in The Handbook of Pharmaceutical Excipients, 3rd ed., Kibbe, A.H. (Ed.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2000, 110 - 111.

Collett, J.H. and **Moreton, R.C.**, Modified Release Peroral Dosage Forms, in Pharmaceutics: The Science of Dosage Form Design, 2<sup>nd</sup> ed., Aulton, M.E. (Ed.), Churchill Livingstone, London, UK, (2002), Chapter 20, 289 – 305.

**Moreton, R.C.**, Hydrogenated Vegetable Oil, Type I, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 669 - 671.

**Moreton, R.C.**, Dibasic Calcium Phosphate Dihydrate, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 74 - 77.

**Moreton, R.C.**, Dibasic Calcium Phosphate Anhydrous, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 72 - 73.

**Moreton, R.C.**, Calcium Sulfate, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 83 - 85.

**Moreton, R.C.**, Silicified Microcrystalline Cellulose, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 115 - 116.

**Moreton, R.C.**, Sugar Spheres, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 630 - 631.

**Moreton, R.C.** and Owen, S.C., Olive Oil, in The Handbook of Pharmaceutical Excipients, 4th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2003, 414 - 416.

Steele, D.F., Edge, S., Tobyn, M.J., **Moreton, R.C.** and Staniforth, J.N., Adsorption of an Amine Drug onto Microcrystalline Cellulose and Silicified Microcrystalline Cellulose Samples, Drug Dev. Ind. Pharm., (2003), 29, (4), 475 – 487.

Barry, J, Bergum, J., Chen, Y., Chern, R., Hollander, R, Klein, D, Lockhart, H., Malinowski, D., McManus, R., **Moreton, C.**, Mueller, A., Nottingham, L., Okeke, C.,

O'Reilly, D., Rinesmith, K., and Shorts, S., (PQRI Container-Closure Working Group), Basis for using Moisture Vapor Transmission Rate pre Unit Product in the evaluation of Moisture-Barrier Equivalence of Primary Packages for Solid Oral Dosage Forms, Pharmacopeial Forum, (2005), 31, (1) Jan.—Feb., 226 – 269.

**Moreton, R.C.**, Hydrogenated Vegetable Oil, Type I, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 800 - 801.

**Moreton, R.C.**, Dibasic Calcium Phosphate Dihydrate, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 96 - 99.

**Moreton, R.C.**, Dibasic Calcium Phosphate Anhydrous, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 93 - 95.

**Moreton, R.C.**, Calcium Sulfate, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 105 - 107.

**Moreton, R.C.**, Cellulose, Silicified Microcrystalline, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 139 - 141.

**Moreton, R.C.**, Sugar Spheres, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 752 - 753.

**Moreton, R.C.**, Olive Oil, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 498 - 416.

**Moreton, R.C.**, Suppository Bases, Hard Fat, in The Handbook of Pharmaceutical Excipients, 5th ed., Rowe, R.C., Sheskey, P.J. and Weller, P.J. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2006, 762 - 766.

**Moreton, R.C.**, Calcium Sulfate, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and Pharmaceutical Press, London, 2009, 105 - 107.

**Moreton, R.C.**, Cellulose, Silicified Microcrystalline, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.),

American Pharmaceutical Association, Washington, and Pharmaceutical Press, London, 2009, 139 - 141.

**Moreton, R.C.**, Dibasic Calcium Phosphate Anhydrous, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and Pharmaceutical Press, London, 2009, 94 - 96.

**Moreton, R.C.**, Dibasic Calcium Phosphate Dihydrate, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and Pharmaceutical Press, London, 2009, 96 - 99.

**Moreton, R.C.**, Hydrogenated Vegetable Oil, Type I, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and Pharmaceutical Press, London, 2009, 762 - 763.

**Moreton, R.C.**, Olive Oil, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2009, 470 - 472.

**Moreton, R.C.**, Sodium Formaldehyde Sulfoxylate, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2009, 645 - 646.

**Moreton, R.C.**, Sugar Spheres, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and Pharmaceutical Press, London, 2009, 712 - 714.

**Moreton, R.C.**, Suppository Bases, Hard Fat, in The Handbook of Pharmaceutical Excipients, 6th ed., Rowe, R.C., Sheskey, P.J. and Quinn, M.E. (Eds.), American Pharmaceutical Association, Washington, and The Pharmaceutical Press, London, 2009, 722 - 726.

**Moreton, R.C.**, Excipient Interactions, in Excipient Development for Pharmaceutical, Biotechnology and Drug Delivery Systems, Katdare, A.V. and Chaubal, M.V. (Eds.), Informa Healthcare, New York, 2006, 93 – 108.

**Moreton, R.C.**, Functionality and Performance of Excipients, Pharm. Technol., (2006) 30, (10 – Suppl), s4 – s14.

Amidon, G.E., Peck, G.E., Block, L.H., Moreton, R.C., Katdare, A., Lafaver, R., and Sheehan, C., Proposed New USP General Information Chapter, Excipient Performance <1059>, Pharm. Forum, (2007), 33, (6), 1311 – 1323.

Collett, J.H. and **Moreton, R.C.**, Modified Release Peroral Dosage Forms, in Pharmaceutics: The Science of Dosage Form Design, 3<sup>rd</sup> ed., Aulton, M.E. (Ed.), Churchill Livingstone, London, UK, (2007), Chapter 32, 483 – 499.

Guazzaroni-Jacobs, M., **Moreton, R.C.** and Silverstein, I., Eye on Excipients, Tablets & Capsules, (2008), 6, (4), 45 – 50.

**Moreton, R.C.**, Disintegrants in Tableting, in Pharmaceutical Dosage Forms: Tablets, Volume 2: Rational Design and Formulation, 3<sup>rd</sup> ed. Augsburger, L.L and Hoag, S.W. (Eds.), Informa Healthcare, New York, NY, (2008), Chapter 6, 217 – 249.

Steele, D.F., **Moreton, R.C.**, Staniforth, J.N., Young, P.M., Tobyn, M.J., and Edge, S., Surface Energy of Microcrystalline Cellulose Determined by Capillary Intrusion and Inverse Gas Chromatography, AAPS J, (2008), 10, (3), 494 – 503.

**Moreton, R.C.**, Regular column on Functionality and Performance of Excipients in a Quality –by-Design World, in Am. Pharm. Rev:

Part 1: (2009), 12, (1), 40 – 44.

Part 2: Excipient Variability, QbD and Robust Formulations, (2009), 12, (2), 24 - 27.

Part 3: Excipient Quality in a QbD Context, (2009), 12, (4), 22 – 26.

Part 4: Obtaining Information on Excipient Variability for Formulation Design Space, (2009), 12, (5), 28 – 33.

Part 5: Changes in the Sourcing and Supply of Pharmaceutical Excipients, (2009), 12, (6), 12 – 17.

Part 6: Excipient Composition, in press.

Block, L.H., **Moreton, R.C.**, Apte, S.P., Wendt, R.H., Munson, E.J., Creekmore, J.R., Persaud, I.V., Sheehan, C. and Wang, H., Co-processed Excipients, Pharmacopeial Forum, (2009), 35, (4), July–Aug., 1026 – 1028.

Guazzaroni-Jacobs, M., Klug, D.B., **Moreton, R.C.** and Silverstein, I.B., Qualification of Excipients for use in Pharmaceuticals. Chimica Oggi (Chemistry Today), (2009), 27, (5), September/October, 6 – 8.

**Moreton, R.C.**, Commonly used Excipients in Pharmaceutical Suspensions, in Pharmaceutical Suspensions: From Formulation Development to Manufacturing, Kulshreshtha, A.K., Singh, O.N. and Wall, G.M. (Eds.), Springer, New York, 2009, 67 – 102.