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| Altri autori (Persone) | PhillipsG. O WilliamsP. A |
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declarations; 5.8 References; 6 Gelatin; 6.1 Introduction
6.2 Manufacturing gelatin6.3 Regulations, technical data and standard quality test methods; 6.4 Chemical composition and physical properties of collagens and gelatins; 6.5 Gelatin derivatives; 6.6 Applications of gelatin; 6.7 Acknowledgements; 6.8 References and further reading; 7 Carrageenan and furcellaran; 7.1 Introduction; 7.2 Manufacture; 7.3 Regulatory status; 7.4 Structure; 7.5 Physical properties; 7.6 Food applications; 7.7 Conclusion; 7.8 Glossary; 7.9 References; 8 Xanthan gum; 8.1 Introduction; 8.2 Manufacture; 8.3 Structure; 8.4 Technical data; 8.5 Applications in food products
8.6 Regulatory status8.7 Future trends; 8.8 Sources of further information and advice; 8.9 References; 9 Gellan gum; 9.1 Introduction; 9.2 Manufacture; 9.3 Structure; 9.4 Technical data; 9.5 Uses and applications; 9.6 Regulatory status; 9.7 Future trends; 9.8 Sources of further information and advice; 9.9 References; 10 Galactomannans; 10.1 Introduction; 10.2 Raw materials and structure; 10.3 Manufacture; 10.4 Technical data; 10.5 Uses and applications; 10.6 Regulatory status; 10.7 Future trends; 10.8 References; 11 Gum arabic; 11.1 Introduction; 11.2 Supply and market trends
11.3 Manufacture11.4 Regulatory aspects; 11.5 Structure; 11.6 Properties; 11.7 Applications; 11.8 References; 12 Pectins; 12.1 Introduction; 12.2 Manufacture; 12.3 The chemical nature of pectin; 12.4 Commercial pectin: properties and function; 12.5 Nutritional and health aspects; 12.6 Uses and applications; 12.7 Legal status; 12.8 References; 13 Milk proteins; 13.1 Introduction; 13.2 The milk protein system; 13.3 Production of milk protein products; 13.4 Functional properties of milk protein products; 13.5 Biological activity of milk protein products; 13.6 Food uses of milk protein products
13.7 Future trends

Sommario/riassunto

Hydrocolloids are among the most widely used ingredients in the food industry. They function as thickening and gelling agents, texturizers, stabilisers and emulsifiers and in addition have application in areas such as edible coatings and flavour release. Products reformulated for fat reduction are particularly dependent on hydrocolloids for satisfactory sensory quality. They now also find increasing applications in the health area as dietary fibre of low calorific value. The first edition of *Handbook of Hydrocolloids* provided professionals in the food industry with relevant practical in