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Titolo	Fundamentals of Cheese Science / / by Patrick F. Fox, Timothy P. Guinee, Timothy M. Cogan, Paul L. H. McSweeney
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 2017
ISBN	1-4899-7681-7
Edizione	[2nd ed. 2017.]
Descrizione fisica	1 online resource (XV, 799 p. 271 illus., 78 illus. in color.)
Disciplina	641.3 664
Soggetti	Food—Biotechnology Microbiology Bacteriology Food Science Food Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cheese: Historical Aspects -- Overview of Cheese Manufacture -- Principal Families of Cheese -- Chemistry of Milk Constituents -- Bacteriology of Cheese Milk -- Starter Cultures -- Enzymatic Coagulation of Milk -- Post-Coagulation Treatment of the Renneted-Milk Gel -- Salting of Cheese Curd -- Cheese Yield -- Microbiology of Cheese Ripening -- Biochemistry of Cheese Ripening -- Cheese Flavour -- Cheese: Structure, Rheology and Texture -- Factors That Affect Cheese Quality -- Fresh Cheese Products: Principles of Manufacture and Overview of Different Varieties -- Processed Cheese and Substitute/Imitation Cheese Products -- Ingredient Cheese and Ingredients Derived from Cheese -- Pathogens and Foodborne Illness in Cheese -- Nutritional Aspects of Cheese -- Current legislation on cheese -- Chapter 22: Whey and Whey Products.
Sommario/riassunto	This book provides comprehensive coverage of the scientific aspects of cheese, emphasizing fundamental principles. The book's updated 22 chapters cover the chemistry and microbiology of milk for cheesemaking, starter cultures, coagulation of milk by enzymes or by acidification, the microbiology and biochemistry of cheese ripening, the

flavor and rheology of cheese, processed cheese, cheese as a food ingredient, public health and nutritional aspects of cheese, and various methods used for the analysis of cheese. The book contains copious references to other texts and review articles.

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