

WHEY PROTEIN PRODUCTS: GLOBAL MARKETS



FOD072A
January 2016

Pankaj Chaubey
Project Analyst

ISBN: 1-62296-218-4



BCC Research
49 Walnut Park, Building 2
Wellesley, MA 02481 USA
866-285-7215 (toll-free within the USA),
or (+1) 781-489-7301
www.bccresearch.com
information@bccresearch.com

TABLE OF CONTENTS

TOPIC	PAGE NO.
CHAPTER 1 INTRODUCTION	2
REASONS FOR THE STUDY AND ITS IMPORTANCE	2
OBJECTIVES OF THE STUDY	2
INTENDED AUDIENCE	3
SCOPE OF REPORT	3
INFORMATION SOURCES	4
ANALYST CREDENTIALS	5
RELATED BCC RESEARCH REPORTS	5
BCC RESEARCH WEBSITE	5
DISCLAIMER	5
CHAPTER 2 SUMMARY	8
<i>SUMMARY TABLE GLOBAL WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	8
<i>SUMMARY FIGURE GLOBAL WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	8
CHAPTER 3 OVERVIEW	11
IMPORTANCE OF THE INDUSTRY	11
DESCRIPTION OF THE INDUSTRY: MAJOR INGREDIENT CATEGORIES	12
KEY END-USE SEGMENTS	13
FUNCTIONAL NUTRITION	13
BAKERY	14
CHOCOLATE CONFECTIONERY	14
DAIRY	15
ICE CREAM	15
PERSONAL CARE	15
OTHER PROCESSED FOOD	16
PRODUCTION AND CONSUMPTION DYNAMICS	16
CHALLENGES	17
CHAPTER 4 WHEY PROTEIN MARKET BY REGION AND KEY COUNTRIES	19
OVERVIEW	19
<i>TABLE 1 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	19
<i>FIGURE 1 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	20
<i>TABLE 2 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	20
<i>FIGURE 2 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	20
<i>TABLE 3 GLOBAL WHEY PROTEIN MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	21
<i>FIGURE 3 GLOBAL WHEY PROTEIN MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	22
NORTH AMERICA	22

TOPIC	PAGE NO.
<i>TABLE 4 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)</i>	23
<i>FIGURE 4 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)</i>	23
<i>TABLE 5 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)</i>	24
<i>FIGURE 5 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)</i>	24
<i>TABLE 6 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)</i>	25
<i>FIGURE 6 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)</i>	25
<i>TABLE 7 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	26
<i>FIGURE 7 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	26
<i>TABLE 8 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	27
<i>FIGURE 8 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	27
<i>TABLE 9 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	28
<i>FIGURE 9 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	28
<i>TABLE 10 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	29
<i>FIGURE 10 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	29
<i>TABLE 11 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	30
<i>FIGURE 11 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	30
<i>TABLE 12 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	31
<i>FIGURE 12 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	31
EUROPE	32
WESTERN EUROPE	32
<i>TABLE 13 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)</i>	33
<i>FIGURE 13 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)</i>	33
<i>TABLE 14 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)</i>	34
<i>FIGURE 14 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)</i>	34
<i>TABLE 15 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)</i>	35
<i>FIGURE 15 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)</i>	35
<i>TABLE 16 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	36

TOPIC	PAGE NO.
<i>FIGURE 16 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	36
<i>TABLE 17 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	37
<i>FIGURE 17 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	37
<i>TABLE 18 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	38
<i>FIGURE 18 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	38
<i>TABLE 19 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	39
<i>FIGURE 19 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	39
<i>TABLE 20 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	40
<i>FIGURE 20 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	40
<i>TABLE 21 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	41
<i>FIGURE 21 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	41
EASTERN EUROPE	41
<i>TABLE 22 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)</i>	42
<i>FIGURE 22 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)</i>	42
<i>TABLE 23 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)</i>	43
<i>FIGURE 23 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)</i>	43
<i>TABLE 24 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)</i>	44
<i>FIGURE 24 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)</i>	44
<i>TABLE 25 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	45
<i>FIGURE 25 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	45
<i>TABLE 26 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	46
<i>FIGURE 26 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	46
<i>TABLE 27 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	47
<i>FIGURE 27 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	47
<i>TABLE 28 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	48
<i>FIGURE 28 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	48

TOPIC	PAGE NO.
<i>TABLE 29 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	49
<i>FIGURE 29 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	49
<i>TABLE 30 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	50
<i>FIGURE 30 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	50
ASIA-PACIFIC	50
<i>TABLE 31 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)</i>	52
<i>FIGURE 31 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)</i>	52
<i>TABLE 32 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)</i>	53
<i>FIGURE 32 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)</i>	54
<i>TABLE 33 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)</i>	54
<i>FIGURE 33 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)</i>	54
<i>TABLE 34 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	55
<i>FIGURE 34 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	55
<i>TABLE 35 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	56
<i>FIGURE 35 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	56
<i>TABLE 36 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	57
<i>FIGURE 36 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	57
<i>TABLE 37 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	58
<i>FIGURE 37 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	58
<i>TABLE 38 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	59
<i>FIGURE 38 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	60
<i>TABLE 39 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	60
<i>FIGURE 39 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	60
LATIN AMERICA	61
<i>TABLE 40 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)</i>	62
<i>FIGURE 40 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)</i>	62
<i>TABLE 41 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)</i>	63

TOPIC	PAGE NO.
<i>FIGURE 41 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)</i>	63
<i>TABLE 42 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)</i>	64
<i>FIGURE 42 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)</i>	64
<i>TABLE 43 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	65
<i>FIGURE 43 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	65
<i>TABLE 44 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	66
<i>FIGURE 44 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	66
<i>TABLE 45 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	67
<i>FIGURE 45 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	67
<i>TABLE 46 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	68
<i>FIGURE 46 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	68
<i>TABLE 47 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	69
<i>FIGURE 47 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	69
<i>TABLE 48 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	70
<i>FIGURE 48 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	70
MIDDLE EAST AND AFRICA	71
<i>TABLE 49 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)</i>	71
<i>FIGURE 49 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET SIZE BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)</i>	72
<i>TABLE 50 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)</i>	72
<i>FIGURE 50 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)</i>	73
<i>TABLE 51 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)</i>	73
<i>FIGURE 51 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)</i>	73
<i>TABLE 52 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	74
<i>FIGURE 52 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	74
<i>TABLE 53 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	75
<i>FIGURE 53 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	75

TOPIC	PAGE NO.
<i>TABLE 54 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	76
<i>FIGURE 54 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	76
<i>TABLE 55 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)</i>	77
<i>FIGURE 55 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)</i>	77
<i>TABLE 56 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	78
<i>FIGURE 56 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	78
<i>TABLE 57 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	79
<i>FIGURE 57 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	79
CHAPTER 5 WHEY PROTEIN MARKET BY KEY INGREDIENTS	82
<i>TABLE 58 GLOBAL WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)</i>	82
<i>FIGURE 58 GLOBAL WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)</i>	83
<i>TABLE 59 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)</i>	83
<i>FIGURE 59 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)</i>	83
<i>TABLE 60 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)</i>	84
<i>FIGURE 60 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)</i>	84
WHEY POWDER	85
<i>TABLE 61 GLOBAL WP MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	85
<i>FIGURE 61 GLOBAL WP MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	85
<i>TABLE 62 GLOBAL WP MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	86
<i>FIGURE 62 GLOBAL WP MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	86
<i>TABLE 63 GLOBAL WP MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	87
<i>FIGURE 63 GLOBAL WP MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	87
WHEY PROTEIN CONCENTRATE	88
WHEY PROTEIN ISOLATE	88
<i>TABLE 64 GLOBAL WPI MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	89
<i>FIGURE 64 GLOBAL WPI MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	89
<i>TABLE 65 GLOBAL WPI MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	90
<i>FIGURE 65 GLOBAL WPI MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	90
<i>TABLE 66 GLOBAL WPI MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	91
<i>FIGURE 66 GLOBAL WPI MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	91
WHEY PROTEIN HYDROLYSATES	91
DEMINERALIZED WHEY POWDER	92

TOPIC	PAGE NO.
<i>TABLE 67 GLOBAL DWP MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	93
<i>FIGURE 67 GLOBAL DWP MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	93
<i>TABLE 68 GLOBAL DWP MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	94
<i>FIGURE 68 GLOBAL DWP MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	94
<i>TABLE 69 GLOBAL DWP MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	95
<i>FIGURE 69 GLOBAL DWP MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	95
CHAPTER 6 WHEY PROTEIN MARKET BY APPLICATION/END-USE SEGMENT	97
<i>TABLE 70 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)</i>	97
<i>FIGURE 70 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)</i>	97
<i>TABLE 71 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)</i>	98
<i>FIGURE 71 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)</i>	98
FOOD AND BEVERAGE	99
BAKERY	99
CHOCOLATE CONFECTIONERY	99
DAIRY	99
FUNCTIONAL NUTRITION	100
ICE CREAM	101
<i>TABLE 72 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	102
<i>FIGURE 72 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	102
<i>TABLE 73 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	103
<i>FIGURE 73 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	103
<i>TABLE 74 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	104
<i>FIGURE 74 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	104
BABY FOOD	104
<i>TABLE 75 GLOBAL WHEY PROTEIN BABY FOOD MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	106
<i>FIGURE 75 GLOBAL WHEY PROTEIN BABY FOOD MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	106
<i>TABLE 76 GLOBAL WHEY PROTEIN BABY FOOD MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	107
<i>FIGURE 76 GLOBAL WHEY PROTEIN BABY FOOD MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	107
<i>TABLE 77 GLOBAL WHEY PROTEIN BABY FOOD MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	108
<i>FIGURE 77 GLOBAL WHEY PROTEIN BABY FOOD MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	108
SPORTS NUTRITION	109

TOPIC	PAGE NO.
<i>TABLE 78 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	111
<i>FIGURE 78 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	111
<i>TABLE 79 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	112
<i>FIGURE 79 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	112
<i>TABLE 80 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	113
<i>FIGURE 80 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	113
PHARMACEUTICAL AND CLINICAL NUTRITION	114
<i>TABLE 81 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	115
<i>FIGURE 81 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	115
<i>TABLE 82 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	116
<i>FIGURE 82 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	116
<i>TABLE 83 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	117
<i>FIGURE 83 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	117
ANIMAL FEED	118
<i>TABLE 84 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)</i>	119
<i>FIGURE 84 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)</i>	119
<i>TABLE 85 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)</i>	120
<i>FIGURE 85 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)</i>	120
<i>TABLE 86 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)</i>	121
<i>FIGURE 86 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)</i>	121
CHAPTER 7 INDUSTRY STRUCTURE AND GROWTH STRATEGIES	123
MARKET COMPETITIVENESS AND OUTLOOK	123
TRENDS IN PRICE AND PRICE/PERFORMANCE	123
GROWTH STRATEGIES	124
MERGERS AND ACQUISITIONS	125
PARTNERSHIPS AND COLLABORATIONS	125
NEW PRODUCT DEVELOPMENT	126
CHAPTER 8 COMPANY PROFILES	128
ABBOTT LABORATORIES INC	128
ADS LABORATORIO NUTRICIONAL LTDA	128
AGROPUR	129

TOPIC	PAGE NO.
AJINOMOTO CO INC	129
ALLMAX NUTRITION INC	129
ARLA FOODS INGREDIENTS	130
ARMOR PROTEINES	130
ATLANTIC GRUPA DD	131
AUROBINDO PHARMA LTD	131
BODY SCIENCE INTERNATIONAL PTY LTD	132
CARBERY	132
CLIF BAR AND CO	133
DAIRYGOLD	133
DANONE	134
DAVISCO	134
DOME CORP	135
EA PHARMA SA	135
ENERVIT SPA	136
ENVICTUS INTERNATIONAL HOLDINGS LTD	136
EUROSERUM	137
FIRST MILK LTD	137
FONTERRA CO-OPERATIVE GROUP	138
GENERAL NUTRITION CENTERS INC	138
GLANBIA PLC	139
GLAXOSMITHKLINE PLC.	139
HERBALIFE LTD	140
HILMAR	140
HORMEL FOODS CORP.	141
HUT GROUP LTD. (THE)	141
INTEGRALMEDICA SA AGRICULTURA E PESQUISA	142
IOVATE HEALTH SCIENCES INC	142
LABRADA NUTRITION INC	142
MEIJI HOLDINGS CO LTD	143
MILEI	143
MILK SPECIALITIES GLOBAL	144
MUSCLEPHARM CORP	144
NBTY INC	145
NORRMEJERIER AB	145
NUTRABOLT CORP	145
NUTRICHEM DIAT + PHARMA GMBH	146
NUTRILATINA LABORATORIOS LTDA	146
OLIMP LABORATORIES SP ZOO	147
ORKLA GROUP	147
OTSUKA HOLDINGS CO LTD	148
PHD NUTRITION LTD	148
POST HOLDINGS INC	149
PRIVATE LABEL	149
PROTEINFABRIKKEN AS	150
QLIRO GROUP AB	150
REFLEX NUTRITION LIMITED	150

TOPIC	PAGE NO.
SACHSENMILCH LEPPERSDORF GMBH	151
SCIVATION, INC	151
SUN BROS LLC	152
TWINLAB CONSOLIDATION CORP	152
UNIVERSAL NUTRITION INC	153
USN (PTY) LTD	153
VALEANT PHARMACEUTICALS INTERNATIONAL INC	154
VITACO HEALTH LTD	154
VOLAC	155
WEIDER GLOBAL NUTRITION LLC	155

LIST OF TABLES

TABLE HEADING	PAGE NO.
SUMMARY TABLE GLOBAL WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	8
TABLE 1 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	19
TABLE 2 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	20
TABLE 3 GLOBAL WHEY PROTEIN MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	21
TABLE 4 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)	23
TABLE 5 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)	24
TABLE 6 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)	25
TABLE 7 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	26
TABLE 8 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	27
TABLE 9 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	28
TABLE 10 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	29
TABLE 11 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	30
TABLE 12 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	31
TABLE 13 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)	33
TABLE 14 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)	34
TABLE 15 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)	35
TABLE 16 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	36
TABLE 17 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	37
TABLE 18 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	38
TABLE 19 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	39
TABLE 20 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	40
TABLE 21 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	41
TABLE 22 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)	42
TABLE 23 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)	43
TABLE 24 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)	44

TABLE HEADING	PAGE NO.
TABLE 25 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	45
TABLE 26 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	46
TABLE 27 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	47
TABLE 28 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	48
TABLE 29 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	49
TABLE 30 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	50
TABLE 31 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)	52
TABLE 32 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)	53
TABLE 33 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)	54
TABLE 34 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	55
TABLE 35 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	56
TABLE 36 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	57
TABLE 37 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	58
TABLE 38 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	59
TABLE 39 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	60
TABLE 40 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)	62
TABLE 41 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)	63
TABLE 42 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)	64
TABLE 43 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	65
TABLE 44 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	66
TABLE 45 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	67
TABLE 46 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	68
TABLE 47 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	69
TABLE 48 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	70
TABLE 49 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, THROUGH 2020 (\$ MILLIONS)	71
TABLE 50 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, THROUGH 2020 (THOUSAND MT)	72

TABLE HEADING	PAGE NO.
TABLE 51 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, THROUGH 2020 (\$/MT)	73
TABLE 52 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	74
TABLE 53 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	75
TABLE 54 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	76
TABLE 55 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, THROUGH 2020 (\$ MILLIONS)	77
TABLE 56 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	78
TABLE 57 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	79
TABLE 58 GLOBAL WHEY PROTEIN MARKET BY KEY INGREDIENT, THROUGH 2020 (\$ MILLIONS)	82
TABLE 59 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, THROUGH 2020 (THOUSAND MT)	83
TABLE 60 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, THROUGH 2020 (\$/MT)	84
TABLE 61 GLOBAL WP MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	85
TABLE 62 GLOBAL WP MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	86
TABLE 63 GLOBAL WP MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	87
TABLE 64 GLOBAL WPI MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	89
TABLE 65 GLOBAL WPI MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	90
TABLE 66 GLOBAL WPI MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	91
TABLE 67 GLOBAL DWP MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	93
TABLE 68 GLOBAL DWP MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	94
TABLE 69 GLOBAL DWP MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	95
TABLE 70 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, THROUGH 2020 (THOUSAND MT)	97
TABLE 71 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, THROUGH 2020 (\$/MT)	98
TABLE 72 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	102
TABLE 73 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	103
TABLE 74 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	104
TABLE 75 GLOBAL WHEY PROTEIN BABY FOOD MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	106
TABLE 76 GLOBAL WHEY PROTEIN BABY FOOD MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	107
TABLE 77 GLOBAL WHEY PROTEIN BABY FOOD MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	108
TABLE 78 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	111
TABLE 79 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	112

TABLE HEADING	PAGE NO.
TABLE 80 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	113
TABLE 81 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	115
TABLE 82 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	116
TABLE 83 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	117
TABLE 84 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET BY KEY REGIONS, THROUGH 2020 (\$ MILLIONS)	119
TABLE 85 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET VOLUME BY KEY REGIONS, THROUGH 2020 (THOUSAND MT)	120
TABLE 86 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET PRICE BY KEY REGIONS, THROUGH 2020 (\$/MT)	121

LIST OF FIGURES

FIGURE TITLE	PAGE NO.
SUMMARY FIGURE GLOBAL WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	8
FIGURE 1 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	20
FIGURE 2 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	20
FIGURE 3 GLOBAL WHEY PROTEIN MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	22
FIGURE 4 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)	23
FIGURE 5 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)	24
FIGURE 6 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)	25
FIGURE 7 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	26
FIGURE 8 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	27
FIGURE 9 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	28
FIGURE 10 NORTH AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	29
FIGURE 11 NORTH AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	30
FIGURE 12 NORTH AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	31
FIGURE 13 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)	33
FIGURE 14 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)	34
FIGURE 15 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)	35
FIGURE 16 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	36
FIGURE 17 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	37
FIGURE 18 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	38
FIGURE 19 WESTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	39
FIGURE 20 WESTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	40
FIGURE 21 WESTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	41
FIGURE 22 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)	42
FIGURE 23 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)	43
FIGURE 24 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)	44

FIGURE TITLE	PAGE NO.
FIGURE 25 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	45
FIGURE 26 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	46
FIGURE 27 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	47
FIGURE 28 EASTERN EUROPEAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	48
FIGURE 29 EASTERN EUROPEAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	49
FIGURE 30 EASTERN EUROPEAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	50
FIGURE 31 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)	52
FIGURE 32 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)	54
FIGURE 33 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)	54
FIGURE 34 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	55
FIGURE 35 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	56
FIGURE 36 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	57
FIGURE 37 ASIA-PACIFIC WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	58
FIGURE 38 ASIA-PACIFIC WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	60
FIGURE 39 ASIA-PACIFIC WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	60
FIGURE 40 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)	62
FIGURE 41 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)	63
FIGURE 42 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)	64
FIGURE 43 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	65
FIGURE 44 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	66
FIGURE 45 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	67
FIGURE 46 LATIN AMERICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	68
FIGURE 47 LATIN AMERICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	69
FIGURE 48 LATIN AMERICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	70
FIGURE 49 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET SIZE BY KEY COUNTRIES, 2014-2020 (\$ MILLIONS)	72
FIGURE 50 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY COUNTRIES, 2014-2020 (THOUSAND MT)	73

FIGURE TITLE	PAGE NO.
FIGURE 51 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY COUNTRIES, 2014-2020 (\$/MT)	73
FIGURE 52 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	74
FIGURE 53 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	75
FIGURE 54 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	76
FIGURE 55 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET BY KEY END APPLICATIONS, 2014-2020 (\$ MILLIONS)	77
FIGURE 56 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	78
FIGURE 57 MIDDLE EASTERN AND AFRICAN WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	79
FIGURE 58 GLOBAL WHEY PROTEIN MARKET BY KEY INGREDIENT, 2014-2020 (\$ MILLIONS)	83
FIGURE 59 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY INGREDIENT, 2014-2020 (THOUSAND MT)	83
FIGURE 60 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY INGREDIENT, 2014-2020 (\$/MT)	84
FIGURE 61 GLOBAL WP MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	85
FIGURE 62 GLOBAL WP MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	86
FIGURE 63 GLOBAL WP MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	87
FIGURE 64 GLOBAL WPI MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	89
FIGURE 65 GLOBAL WPI MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	90
FIGURE 66 GLOBAL WPI MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	91
FIGURE 67 GLOBAL DWP MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	93
FIGURE 68 GLOBAL DWP MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	94
FIGURE 69 GLOBAL DWP MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	95
FIGURE 70 GLOBAL WHEY PROTEIN MARKET VOLUME BY KEY END APPLICATIONS, 2014-2020 (THOUSAND MT)	97
FIGURE 71 GLOBAL WHEY PROTEIN MARKET PRICE BY KEY END APPLICATIONS, 2014-2020 (\$/MT)	98
FIGURE 72 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	102
FIGURE 73 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	103
FIGURE 74 GLOBAL WHEY PROTEIN FOOD AND BEVERAGE MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	104
FIGURE 75 GLOBAL WHEY PROTEIN BABY FOOD MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	106
FIGURE 76 GLOBAL WHEY PROTEIN BABY FOOD MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	107
FIGURE 77 GLOBAL WHEY PROTEIN BABY FOOD MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	108
FIGURE 78 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	111
FIGURE 79 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	112

FIGURE TITLE	PAGE NO.
FIGURE 80 GLOBAL WHEY PROTEIN SPORTS NUTRITION MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	113
FIGURE 81 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	115
FIGURE 82 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	116
FIGURE 83 GLOBAL WHEY PROTEIN PHARMACEUTICAL AND CLINICAL NUTRITION MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	117
FIGURE 84 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET BY KEY REGIONS, 2014-2020 (\$ MILLIONS)	119
FIGURE 85 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET VOLUME BY KEY REGIONS, 2014-2020 (THOUSAND MT)	120
FIGURE 86 GLOBAL WHEY PROTEIN ANIMAL FEED MARKET PRICE BY KEY REGIONS, 2014-2020 (\$/MT)	121