

CHAPTER ONE: INTRODUCTION.....	1
STUDY GOALS AND OBJECTIVES.....	1
REASONS FOR DOING THE STUDY .....	1
INTENDED AUDIENCE.....	2
SCOPE OF REPORT .....	2
INFORMATION SOURCES.....	2
ANALYST CREDENTIALS.....	3
RELATED BCC REPORTS .....	3
BCC ONLINE SERVICES.....	3
DISCLAIMER .....	3
CHAPTER TWO: SUMMARY.....	4
<i>SUMMARY TABLE GLOBAL NUTRACEUTICAL MARKET – FOODS,     BEVERAGES AND SUPPLEMENTS, THROUGH 2013 (\$ MILLIONS)</i> .....	4
<i>SUMMARY FIGURE GLOBAL NUTRACEUTICAL MARKET – FOODS,     BEVERAGES AND SUPPLEMENTS, 2006-2013 (\$ MILLIONS)</i> .....	5
CHAPTER THREE: MARKET OVERVIEW .....	6
MARKET OVERVIEW .....	6
<i>FIGURE 1 FUNCTIONAL FOOD, BEVERAGE, AND SUPPLEMENT     MARKET</i> .....	7
FUNCTIONAL FBS MARKET UNDER DUAL COMPETITION CIRCLE.....	7
BOGUS FUNCTIONAL PRODUCTS DAMAGING THE MARKET.....	8
STAKEHOLDERS’ OPPORTUNITIES — TAKING A SLICE OF THE GROWING FUNCTIONAL FBS MARKET.....	8
DRIVEN BY BOTH SUPPLY AND DEMAND.....	8
DEMAND-SIDE DRIVERS.....	9
Expanding Elderly Population, Including Aging Boomers .....	9
Increasing Health Awareness among Young Consumers .....	9
SUPPLY-SIDE DRIVERS.....	9
Food Companies Eyeing Nutraceuticals for Premiumization.....	9
Key Market Differentiator .....	9
Regulations, Technology, and Science Are Turning the Functional Market into the Mainstream .....	9
Escalating Health Care Costs .....	10
Authorizing Health Claims .....	10
DEFINING NUTRACEUTICAL — FUNCTIONAL FOOD, BEVERAGE, AND SUPPLEMENT (FBS) MARKET .....	10
DEFINING THE FUNCTIONAL FOOD PRODUCT MARKET .....	11
<i>TABLE 1 GLOBAL NUTRACEUTICAL FOOD PRODUCT MARKET,     THROUGH 2013 (\$ MILLIONS)</i> .....	11

<i>TABLE 2 GLOBAL NUTRACEUTICAL BEVERAGE MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	12
DEFINING THE FUNCTIONAL SUPPLEMENTS MARKET.....	12
<i>TABLE 3 GLOBAL NUTRACEUTICAL SUPPLEMENTS MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	13
DEFINING THE FUNCTIONAL INGREDIENTS MARKET .....	13
<i>TABLE 4 GLOBAL NUTRACEUTICAL INGREDIENTS MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	13
DEFINING THE FUNCTIONAL APPLICATION MARKET — HEALTH SEGMENTS AND DISEASES .....	14
<i>TABLE 5 GLOBAL NUTRACEUTICAL HEALTH APPLICATION MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	14
MARKET STRUCTURE .....	14
FUNCTIONAL PRODUCT MARKET — PREMIUM VS. MASS MARKET .....	15
High Profit Margin .....	15
FUNCTIONAL MARKET — SUPPLY-SIDE STAKEHOLDERS AND THEIR ECONOMIC VALUE CHAIN.....	16
<i>TABLE 6 GLOBAL NUTRACEUTICAL MARKET — BY STAKEHOLDERS, THROUGH 2013 (\$ MILLIONS)</i> .....	16
FUNCTIONAL MARKET — DEMAND-SIDE CONSUMER SEGMENTATION .....	16
NONCOMMERCIAL FOOD PLACES — EARLY ADAPTORS .....	17
EVOLUTION OF FUNCTIONAL FBS MARKET .....	18
<i>FIGURE 2 EVOLUTION OF FUNCTIONAL FOOD AND BEVERAGE MARKET</i> .....	18
PHARMACEUTICAL COMPANIES AND FUNCTIONAL FOODS .....	19
<i>FIGURE 3 OVERLAP OF PHARMA AND FUNCTIONAL FOODS</i> .....	19
PHARMACEUTICAL COMPANIES ...(CONTINUED).....	20
CHAPTER FOUR: NUTRACEUTICAL MARKET- STRATEGIC INSIGHT .....	21
MARKET DYNAMICS — FUNCTIONAL FOOD, BEVERAGE, AND SUPPLEMENT .....	21
<i>FIGURE 4 COMPARATIVE GROWTH ANALYSIS OF FUNCTIONAL FBS</i> .....	22
TRENDS AND OPPORTUNITIES .....	22
QUALITY PRODUCTS WITH IMPROVED HEALTH BENEFITS .....	23
FUNCTIONAL FOOD MAKEOVER OF EXISTING BRANDS WITH VITAMINS AND MINERALS.....	23
ENTRY INTO MAINSTREAM .....	23
PREMIUMIZATION .....	23
BLOCKBUSTERS STRATEGY .....	23
RESEARCH, INNOVATION IN PACKAGING, NEW PRODUCT DEVELOPMENT (NPD).....	24

LICENSING AND PARTNERING .....	24
FOCUS ON UPPER AND UPPER-MEDIUM ECONOMIC CLASS .....	24
TAPPING NEW MARKETS AND DISTRIBUTION .....	24
CONSOLIDATION.....	24
VEGETARIAN AND ANTIALLERGEN .....	24
WHOLE GRAIN FOOD WITH LOW GI AND GLUTEN-FREE GETTING POPULAR.....	25
SHORTENING THE LIFE CYCLE OF THE LAUNCH .....	25
SEEKING APPROVED HEALTH CLAIMS .....	25
TAPPING INTO NICHE MARKETS .....	25
FUNCTIONAL PRIVATE LABELS .....	25
FUNCTIONAL FOOD TARGETS MULTIPLE HEALTH BENEFITS .....	26
TAPPING THE CHILDREN'S MARKET .....	26
<i>TABLE 7 NEW NUTRITIONAL PRODUCTS LAUNCHED FOR CHILDREN.....</i>	<i>26</i>
BLOCKBUSTERS.....	27
<i>TABLE 8 BLOCKBUSTER NUTRACEUTICAL PRODUCTS.....</i>	<i>27</i>
<i>TABLE 8 (CONTINUED).....</i>	<i>28</i>
CONSOLIDATION IN FUNCTIONAL FBS MARKET .....	28
<i>TABLE 9 MAJOR ACQUISITIONS IN FUNCTIONAL FBS MARKET.....</i>	<i>29</i>
<i>TABLE 9 (CONTINUED).....</i>	<i>30</i>
<i>TABLE 10 JOINT VENTURE/PARTNERSHIP.....</i>	<i>31</i>
CHAPTER FIVE: INGREDIENT MARKET .....	32
GLOBAL NUTRACEUTICAL FOOD MARKET BY INGREDIENT.....	32
<i>TABLE 11 GLOBAL NUTRACEUTICAL FOOD MARKET BY INGREDIENT, THROUGH 2013 (\$ MILLIONS).....</i>	<i>32</i>
GLOBAL NUTRACEUTICAL BEVERAGE MARKET BY INGREDIENT.....	32
<i>TABLE 12 GLOBAL NUTRACEUTICAL BEVERAGE MARKET BY INGREDIENT THROUGH 2013 (\$ MILLIONS).....</i>	<i>33</i>
GLOBAL NUTRACEUTICAL SUPPLEMENT MARKET BY INGREDIENT.....	33
<i>TABLE 13 GLOBAL NUTRACEUTICAL SUPPLEMENT MARKET BY INGREDIENT, THROUGH 2013 (\$ MILLIONS).....</i>	<i>33</i>
PROTEIN AND PEPTIDES .....	34
<i>TABLE 14 GLOBAL NUTRACEUTICAL PROTEIN MARKET BY PRODUCT TYPES, THROUGH 2013 (\$ MILLIONS).....</i>	<i>34</i>
GLOBAL NUTRACEUTICAL PROTEIN MARKET BY PRODUCT TYPES.....	34
<i>TABLE 15 GLOBAL NUTRACEUTICAL PROTEIN-BASED FOOD MARKET BY PRODUCT TYPES, THROUGH 2013 (\$ MILLIONS).....</i>	<i>35</i>

GLOBAL NUTRACEUTICAL PROTEIN MARKET BY GEOGRAPHY .....	35
<i>TABLE 16 GLOBAL NUTRACEUTICAL PROTEIN MARKET, BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	35
MARKET DRIVERS.....	36
Protein Ingredient Market Receiving Boost from Sports Beverages.....	36
Cost Pressure is Leading to More Innovation in Cheaper Source Protein Ingredients .....	36
PROTEIN TYPES .....	37
Soy Protein.....	37
Soy Protein Isolates in Demand for Dairy-based Beverages to Reduce Cost .....	38
Whey — A Protein By-product — Turning into Mainstream for Sports Drink .....	38
Definition and Structure.....	38
Whey Products — Mainly in Functional Beverages .....	38
Whey to Be Used in Smoothies .....	39
Whey Proteins Being Largely Used for Controlled Release of Bioactives .....	39
Whey Isolates for Weight Loss Market.....	40
Whey Protein to Find Market for Infant Nutrition.....	40
Amino Acids Finding a Niche Market within Proteins.....	40
Other Protein Sources .....	40
<i>TABLE 17 OTHER MAJOR PROTEIN PRODUCTS</i> .....	41
<i>TABLE 17 (CONTINUED)</i> .....	42
PROBIOTICS/PREBIOTICS .....	42
DEFINITION AND STRUCTURE .....	42
<i>TABLE 18 GLOBAL NUTRACEUTICAL PROBIOTIC MARKET BY PRODUCT TYPE, THROUGH 2013 (\$ MILLIONS)</i> .....	43
GLOBAL NUTRACEUTICAL PROBIOTIC FOOD MARKET BY PRODUCTS.....	43
<i>TABLE 19 GLOBAL NUTRACEUTICAL PROBIOTIC FOOD MARKET BY FOOD PRODUCT, THROUGH 2013 (\$ MILLIONS)</i> .....	43
GLOBAL NUTRACEUTICAL PROBIOTIC MARKET BY GEOGRAPHY .....	44
<i>TABLE 20 GLOBAL NUTRACEUTICAL PROBIOTIC MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	44
PREBIOTICS .....	44
MARKET DRIVERS.....	45
Probiotics Benefits People with Particular Needs .....	45
Innovative Packaging Leads to More Use of Probiotics in Nondairy Products .....	45
Increasing Probiotic-Based Foods and Beverages.....	45

<i>TABLE 21 COMPETITIVE OUTLOOK</i> .....	46
OMEGA-3 .....	46
DEFINITION AND STRUCTURE .....	47
<i>TABLE 22 GLOBAL NUTRACEUTICAL OMEGA MARKET BY PRODUCT TYPE, THROUGH 2013 (\$ MILLIONS)</i> .....	47
GLOBAL NUTRACEUTICAL OMEGA-3 MARKET BY GEOGRAPHY .....	48
<i>TABLE 23 GLOBAL NUTRACEUTICAL OMEGA MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	48
GLOBAL NUTRACEUTICAL PROBIOTIC FOOD MARKET BY PRODUCTS.....	48
<i>TABLE 24 GLOBAL NUTRACEUTICAL OMEGA-3-BASED FOOD MARKET BY PRODUCTS, THROUGH 2013 (\$ MILLIONS)</i> .....	48
MARKET DRIVERS.....	49
Omega-3 Products Getting into Mainstream .....	49
Higher Recommended Daily Intake (RDI) May Boost Omega-3 Market.....	49
Consumers Opting for Healthier Fat — Low Saturated Fat, No Trans Fat.....	49
FLAX — CHEAPER VEGETARIAN SOURCE FOR OMEGA-3 .....	49
COMPETITIVE OUTLOOK .....	50
<i>TABLE 25 NEW OMEGA-3 PRODUCTS</i> .....	51
FIBER.....	51
DEFINITION.....	51
<i>TABLE 26 GLOBAL NUTRACEUTICAL FIBER MARKET BY PRODUCT TYPES, THROUGH 2013 (\$ MILLIONS)</i> .....	52
GLOBAL NUTRACEUTICAL FIBER FOOD MARKET BY PRODUCTS.....	52
<i>TABLE 27 GLOBAL NUTRACEUTICAL FIBER FOOD MARKET BY PRODUCT, THROUGH 2013 (\$ MILLIONS)</i> .....	52
GLOBAL NUTRACEUTICAL FIBER MARKET- BY GEOGRAPHY .....	52
<i>TABLE 28 GLOBAL NUTRACEUTICAL FIBER MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	53
Fiber Market Getting Boost .....	53
WHOLE GRAINS — GETTING MAINSTREAM .....	53
<i>TABLE 29 MAJOR BREADS AND FOOD BARS PRODUCTS</i> .....	54
Whole Grain Products .....	54
<i>TABLE 30 FIBER BASED PRODUCTS</i> .....	54
Market Inhibitors — Whole Grain.....	55
<i>TABLE 31 WHOLE GRAIN PRODUCTS</i> .....	55
High-fiber Foods with Low GI — Good for Diabetes.....	56
Beta-glucan .....	56
COMPETITIVE OUTLOOK .....	56

GLUTEN-FREE FIBER.....	57
FIBER AS A SUGAR REPLACER .....	57
VITAMINS AND MINERALS .....	57
TABLE 32 GLOBAL NUTRACEUTICAL VITAMIN AND MINERAL MARKET BY GEOGRAPHIC REGION, THROUGH 2013 (\$ MILLIONS).....	57
Tapping Genetically Modified (GM) and Allergen-free Vitamins .....	58
OTHER PHYTOCHEMICALS MARKET .....	58
TABLE 33 GLOBAL NUTRACEUTICAL PHYTOCHEMICAL MARKET BY PRODUCT TYPES, THROUGH 2013 (\$ MILLIONS).....	59
PHYTOCHEMICALS BLOCKBUSTERS .....	59
TABLE 34 GLOBAL NUTRACEUTICAL PHYTOCHEMICAL-BASED FOOD MARKET BY PRODUCT, THROUGH 2013 (\$ MILLIONS).....	59
TABLE 35 GLOBAL NUTRACEUTICAL PHYTOCHEMICAL-BASED BEVERAGE MARKET BY PRODUCT, THROUGH 2013 (\$ MILLIONS).....	60
TABLE 36 GLOBAL NUTRACEUTICAL PHYTOCHEMICAL MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....	60
PLANT STEROLS — TARGETING THE CHOLESTEROL- LOWERING MARKET .....	61
Definition and Structure .....	61
TABLE 37 MAJOR PLANT STEROLS PRODUCTS.....	61
TABLE 37 (CONTINUED).....	62
COMPETITIVE OUTLOOK.....	62
ANTIOXIDANTS.....	62
TABLE 38 MAJOR ANTIOXIDANTS PRODUCTS.....	62
TABLE 38 (CONTINUED).....	63
Antioxidants Market Is Growing and Enjoying Higher Premiumization.....	63
Best-selling Antioxidants .....	63
FIGURE 5 TOP SELLING ANTIOXIDANTS.....	64
CHAPTER SIX: GLOBAL NUTRACEUTICAL FOOD.....	65
TABLE 39 GLOBAL NUTRACEUTICAL FOOD MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....	65
GLOBAL NUTRACEUTICAL FOOD MARKET BY CATEGORY — MARKET OVERVIEW .....	65
FIGURE 6 GLOBAL NUTRACEUTICAL FOOD MARKET BY CATEGORY IN 2007 (%).....	66
FIGURE 6 (CONTINUED).....	67
SUGAR AND CONFECTIONERY — \$ 10.7 BILLION.....	67
TABLE 40 GLOBAL CONFECTIONERY AND SUGAR REPLACEMENTS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....	67

Global Confectionery and Sugar Replacements Market — by Ingredients.....	68
<i>TABLE 41 GLOBAL CONFECTIONERY AND SUGAR REPLACEMENTS MARKET BY INGREDIENT, THROUGH 2013 (\$ MILLIONS)</i> .....	68
Confectionery with Vitamins and Minerals to Hit the Shelves.....	68
Dark Chocolate Accounts for Approximately 20% of the Total Global Sugar Confectionery Sales.....	68
Popular Confectionery Products .....	69
<i>TABLE 42 NEW, INNOVATIVE CONFECTIONERY PRODUCTS</i> .....	69
Alternative Sweeteners .....	69
<i>TABLE 43 ALTERNATIVE SWEETENERS</i> .....	69
Geographic Breakdown of Confectionery and Sugar Replacements Market by Protein, Probiotics, Omega-3, and High Fiber .....	70
<i>TABLE 44 GLOBAL PROTEIN-BASED CONFECTIONERY AND SUGAR REPLACEMENTS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	70
<i>TABLE 45 GLOBAL PROBIOTIC-BASED CONFECTIONERY AND SUGAR REPLACEMENTS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	70
<i>TABLE 46 GLOBAL OMEGA-3-BASED CONFECTIONERY AND SUGAR REPLACEMENTS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	71
BAKERY MARKET OVERVIEW — \$8.2 BILLION.....	71
<i>TABLE 47 GLOBAL NUTRACEUTICAL BAKERY FOOD MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	72
Bakery Market Overview by Product Types .....	72
<i>TABLE 48 GLOBAL NUTRACEUTICAL BAKERY FOOD MARKET BY CATEGORY, THROUGH 2013 (\$ MILLIONS)</i> .....	72
Global Nutraceutical Bakery Food Market by Ingredients .....	73
<i>TABLE 49 GLOBAL NUTRACEUTICAL BAKERY FOOD MARKET BY INGREDIENT, THROUGH 2013 (\$ MILLIONS)</i> .....	73
Breads — \$5.6 billion .....	73
<i>TABLE 50 GLOBAL NUTRACEUTICAL BREAD FOOD MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	74
Global Nutraceutical Breads Market by Ingredients.....	74
<i>TABLE 51 GLOBAL NUTRACEUTICAL BREAD FOOD MARKET BY INGREDIENT, THROUGH 2013 (\$ MILLIONS)</i> .....	75
Global Fiber Breads Market.....	75
<i>TABLE 52 GLOBAL NUTRACEUTICAL FIBER BREAD FOOD MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	75

Global Nutraceutical Cookies and Crackers Market by Geography — Market Overview .....	76
<b>TABLE 53 GLOBAL NUTRACEUTICAL COOKIES AND CRACKERS FOOD MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....</b>	<b>76</b>
Global Nutraceutical Cookies and Crackers Market by Ingredient Types.....	77
<b>TABLE 54 GLOBAL COOKIES AND CRACKERS FOOD MARKET BY CATEGORY, THROUGH 2013 (\$ MILLIONS).....</b>	<b>77</b>
High-Protein Pasta Suits Sports Market .....	77
SNACKS — \$7.4 BILLION .....	78
<b>TABLE 55 GLOBAL NUTRACEUTICAL SNACKS MARKET BY GEOGRAPHY 2006, THROUGH 2013 (\$ MILLIONS).....</b>	<b>78</b>
Cereal Bar — Key Snack Food Product.....	78
Consumer Preference for Healthy Snacks.....	79
Functional Snacks Market by Ingredient.....	79
<b>TABLE 56 GLOBAL NUTRACEUTICAL SNACKS MARKET BY CATEGORY, THROUGH 2013 (\$ MILLIONS).....</b>	<b>79</b>
Cereal Manufacturers Shifting to Snacks Market.....	80
Demand for Gluten-free Cereal Increasing .....	80
Whole Grain and Oat Cereals Driving the Cereal Market in Europe .....	80
Developing Countries Are Rapidly Growing Markets for Functional Snacks .....	80
Convenient Meals Potential Competitor for Functional Snacks .....	80
<b>TABLE 57 TOP-SELLING FUNCTIONAL SNACK PRODUCTS .....</b>	<b>81</b>
Geographic Breakdown of Snacks Market by Ingredient Type .....	82
<b>TABLE 58 GLOBAL NUTRACEUTICAL FIBER-BASED SNACKS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS) .....</b>	<b>82</b>
SUPER FRUITS .....	82
<b>TABLE 59 GLOBAL FROZEN AND SPECIALTY FRUITS NUTRACEUTICAL MARKET BY CATEGORY, THROUGH 2013 (\$ MILLIONS).....</b>	<b>83</b>
<b>TABLE 60 GLOBAL FROZEN AND SPECIALTY FRUITS NUTRACEUTICAL MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....</b>	<b>83</b>
Sweeteners, Syrups, and Jellies are Main Forms of Functional Fruit .....	83
Popular Super fruits .....	84
<b>TABLE 61 ANALYSIS OF SUPER FRUITS BASED ON CONTENT.....</b>	<b>84</b>
<b>TABLE 62 SUPER FRUIT PRODUCTS.....</b>	<b>84</b>
DAIRY NONDRINKABLE PRODUCTS — \$8.1 BILLION .....	85



<i>TABLE 63 GLOBAL NUTRACEUTICAL DIARY MARKET BY CATEGORY, THROUGH 2013 (\$ MILLIONS)</i> .....	85
Probiotic Ice Creams Are the Main Functional Ice Cream Products .....	86
Functional Margarines a Major Market for Dairy Companies .....	86
Popular Functional Dairy Nondrinkable Products .....	86
<i>TABLE 64 FUNCTIONAL DAIRY PRODUCTS</i> .....	86
FUNCTIONAL FLOUR MARKET .....	86
<i>TABLE 65 GLOBAL NUTRACEUTICAL FLOUR MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	87
MEAT AND POULTRY — NEGLECTED OPPORTUNITY .....	87
<i>TABLE 66 GLOBAL MEAT AND MEAT REPLACEMENTS NUTRACEUTICALS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	87
Noncommercial Markets — Early Adoptors for Functional Meat .....	88
Nonallergen Functional Meat to Find Increasing Market.....	88
New Alternative Food — Egg Replacement Ingredients/products .....	88
GLOBAL NUTRACEUTICAL BEVERAGE MARKET .....	88
GLOBAL NUTRACEUTICAL BEVERAGE MARKET BY PRODUCT CATEGORY .....	89
<i>FIGURE 7 GLOBAL NUTRACEUTICAL BEVERAGE MARKET BY CATEGORY IN 2007 (%)</i> .....	89
<i>FIGURE 7 (CONTINUED)</i> .....	90
GLOBAL NUTRACEUTICAL BEVERAGE MARKET BY GEOGRAPHY .....	90
<i>TABLE 67 GLOBAL NUTRACEUTICAL BEVERAGE MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	91
FRUIT AND VEGETABLE JUICES AND DRINKS.....	91
<i>TABLE 68 GLOBAL NUTRACEUTICAL FRUIT AND VEGETABLE JUICE MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	92
<i>TABLE 69 TOP-SELLING FUNCTIONAL JUICE PRODUCTS</i> .....	92
NONCARBONATED DRINKS .....	92
<i>TABLE 70 GLOBAL NONCARBONATED DRINKS MARKET BY CATEGORY, THROUGH 2013 (\$ MILLIONS)</i> .....	93
Global Functional Noncarbonated Drinks Market by Geography.....	93
<i>TABLE 71 GLOBAL NONCARBONATED DRINKS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	94
CSD Companies Shifting to Functional Beverages to Counter Stagnant Cola Market .....	94

Sports and Energy Drinks Are the Mainstream and Leading Companies Have Entered This Fast-growing Market .....	94
<i>TABLE 72 TOP-SELLING FUNCTIONAL NONCARBONATED DRINKS.....</i>	<i>95</i>
Noncarbonated Drinks — Functional Water.....	95
Leading Beverage Companies Expanding Their Presence in Functional Water.....	96
TEA AND COFFEE.....	96
<i>TABLE 73 GLOBAL TEA AND COFFEE NUTRACEUTICAL MARKET     BY INGREDIENT CATEGORY, THROUGH 2013 (\$ MILLIONS).....</i>	<i>97</i>
Global Tea and Coffee Nutraceutical Market by Geography.....	97
<i>TABLE 74 GLOBAL TEA AND COFFEE NUTRACEUTICAL MARKET     BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....</i>	<i>97</i>
Ready-to-drink Green Tea Is the Mainstream Product .....	98
Tea Market Is Rapidly Increasing in the U.S. ....	98
Future Black Tea Market Will Be Driven by Weight Reduction Claims .....	98
RTD Consumed and Marketed as Alternative to Carbonated Soft Drinks .....	98
Functional Tea Extracts Introduced in Foods Like Bars and Chocolates.....	98
Functional Tea with Flavors for Different Markets.....	99
Functional Coffee.....	99
Top-selling Functional Tea Products .....	99
<i>TABLE 75 TOP SELLING PRODUCTS.....</i>	<i>99</i>
DAIRY AND DAIRY ALTERNATIVE DRINKS .....	100
<i>TABLE 76 GLOBAL DRINKABLE YOGHURTS AND OTHER DAIRY     DRINKS MARKET BY INGREDIENT, THROUGH 2013 (\$     MILLIONS).....</i>	<i>100</i>
Global Drinkable Yoghurt and Other Dairy Drinks Market by Geography .....	100
<i>TABLE 77 GLOBAL DRINKABLE YOGHURTS AND OTHER DAIRY     DRINKS MARKET BY GEOGRAPHY, THROUGH 2013 (\$     MILLIONS).....</i>	<i>101</i>
Dairy Market under Pressure Sees Functional Dairy to Safeguard Financial Bottom Line .....	101
<i>TABLE 78 TOP-SELLING FERMENTED FUNCTIONAL DAIRY     BEVERAGES .....</i>	<i>101</i>
<i>TABLE 79 TOP-SELLING NONFERMENTED FUNCTIONAL DAIRY     BEVERAGES .....</i>	<i>102</i>
<i>TABLE 80 TOP-SELLING PROBIOTIC DRINKABLE YOGHURTS.....</i>	<i>103</i>
Probiotic Yoghurt and Other Dairy Drinks Market Overview by Geography .....	103

<i>TABLE 81 GLOBAL PROBOITIC DRINKABLE YOGHURTS AND OTHER DAIRY DRINKS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	103
<i>TABLE 82 FUNCTIONAL DAIRY ALTERNATIVE BEVERAGES — SOY MILK</i> .....	104
GLOBAL NUTRACEUTICAL SUPPLEMENT MARKET.....	104
<i>TABLE 83 GLOBAL NUTRACEUTICAL SUPPLEMENTS MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	105
GLOBAL NUTRACEUTICAL SUPPLEMENT MARKET BY INGREDIENT TYPE.....	105
<i>TABLE 84 GLOBAL NUTRACEUTICAL SUPPLEMENTS MARKET BY INGREDIENT TYPE, THROUGH 2013 (\$ MILLIONS)</i> .....	106
Calcium and Multivitamins — Major Mainstream Supplements.....	106
CHAPTER SEVEN: APPLICATION.....	107
<i>FIGURE 8 NUTRACEUTICAL GLOBAL APPLICATION MARKET, 2007 (%)</i> .....	107
<i>FIGURE 8 (CONTINUED)</i> .....	108
WEIGHT MANAGEMENT — \$17 BILLION.....	108
<i>TABLE 85 GLOBAL WEIGHT MANAGEMENT APPLICATION MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	108
FUNCTIONAL BREAKFAST/SNACKS DOING WELL IN WEIGHT MANAGEMENT SEGMENT.....	109
NO SINGLE FUNCTIONAL PRODUCT GUARANTEEING WEIGHT LOSS — BLOCKBUSTER OPPORTUNITY.....	109
SUPPRESSING APPETITE/BOOSTING SATIETY PRODUCTS DOING BETTER.....	109
FUNCTIONAL FOOD MARKET TAPPING WEIGHT MANAGEMENT THROUGH MULTIPLE DIET PROGRAMS...	110
<i>TABLE 86 TOP-SELLING PRODUCTS - WEIGHT MANAGEMENT</i> .....	110
BEST-SELLING INGREDIENTS.....	110
<i>TABLE 87 SUMMARY OF NEW FUNCTIONAL INGREDIENTS</i> .....	111
<i>TABLE 88 TOP-SELLING SATIETY/APPETITE SUPPRESSION PRODUCTS</i> .....	112
<i>TABLE 89 COMPETITIVE OUTLOOK</i> .....	112
<i>TABLE 89 (CONTINUED)</i> .....	113
DIGESTIVE HEALTH, GI, AND IMMUNITY — \$13.8 BILLION.....	113
<i>TABLE 90 GLOBAL GI APPLICATION MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	114
<i>TABLE 91 BEST-SELLING PRODUCTS</i> .....	114
HEART HEALTH — \$16.1 BILLION.....	114
<i>TABLE 92 GLOBAL HEART HEALTH APPLICATION MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	115

OMEGA-3, WHOLE GRAINS, ANTIOXIDANTS TO LEAD IN HEART HEALTH .....	115
<i>FIGURE 9 HEART HEALTH CLAIMS BY FUNCTIONAL INGREDIENT     TYPES (%).....</i>	<i>116</i>
<i>TABLE 93 INGREDIENTS FOR HEART HEALTH.....</i>	<i>116</i>
<i>TABLE 94 TOP-SELLING HEART HEALTH FUNCTIONAL     PRODUCTS.....</i>	<i>117</i>
<i>TABLE 95 HEART HEALTH FUNCTIONAL PRODUCTS BASED ON     TARGETED APPLICATIONS .....</i>	<i>117</i>
ANTIAGING AND BEAUTY — \$7.7 BILLION .....	118
MARKET OVERVIEW .....	118
<i>TABLE 96 GLOBAL ANTIAGING AND BEAUTY APPLICATION     MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS) .....</i>	<i>119</i>
ALOE VERA TO DOMINATE FUNCTIONAL BEAUTY FOOD MARKET .....	119
<i>FIGURE 10 FUNCTIONAL FBS MARKET FOR BEAUTY (%).....</i>	<i>119</i>
<i>FIGURE 10 (CONTINUED) .....</i>	<i>120</i>
<i>FIGURE 11 THE COSMECEUTICALS MARKET IN U.S. BY SEGMENT,     2008 (%).....</i>	<i>120</i>
FUNCTIONAL FOODS INGREDIENTS FOR COSMECEUTICAL APPLICATIONS .....	121
<i>TABLE 97 NEW FUNCTIONAL INGREDIENTS FOR BEAUTY     APPLICATIONS .....</i>	<i>121</i>
<i>TABLE 98 BEST-SELLING PRODUCTS .....</i>	<i>121</i>
<i>TABLE 98 (CONTINUED).....</i>	<i>122</i>
<i>TABLE 99 NEW FUNCTIONAL PRODUCTS BY BEAUTY     APPLICATIONS .....</i>	<i>122</i>
SPORTS AND ENERGY — CASH COW .....	122
<i>TABLE 100 GLOBAL SPORTS AND ENERGY APPLICATION MARKET     BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS).....</i>	<i>123</i>
TOP-SELLING PRODUCTS.....	123
<i>TABLE 101 BEST SELLING PRODUCTS.....</i>	<i>124</i>
MANUFACTURERS TO TAP SPORTS AND ENERGY MARKET FOR BLOCKBUSTERS.....	124
SPORTS AND ENERGY DRINK COMPANIES TO FOCUS ON FEMALE-ORIENTED PRODUCTS.....	124
INCREASING OPPORTUNITIES FOR NEWER FORMULATIONS.....	125
ASIAN MARKET TO BE THE FUTURE OPPORTUNITY FOR SPORTS DRINKS .....	125
REGULATORY ISSUES RESTRICTING ENERGY PRODUCTS FOR CERTAIN SEGMENTS .....	125
TYPE 2 DIABETES .....	125

<i>TABLE 102 GLOBAL DIABETES APPLICATION MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	126
LOW-GLYCEMIC (GI) FOOD AND VITAMIN C ARE GROWING AT MORE THAN 40% GLOBALLY .....	126
<i>TABLE 103 TOP-SELLING PRODUCTS</i> .....	127
GENERAL WELLNESS .....	127
<i>TABLE 104 GLOBAL GENERAL WELLNESS APPLICATION MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	128
GLUTEN-FREE — CELIAC DISEASE .....	128
MEMORY AND MENTAL HEALTH TAPPING MAINLY CHILDREN.....	128
<i>TABLE 105 GLOBAL MEMORY AND MENTAL HEALTH APPLICATION MARKET BY GEOGRAPHY, THROUGH 2013 (\$ MILLIONS)</i> .....	128
<i>TABLE 106 POPULAR MEMORY PRODUCTS LIST</i> .....	129
CHAPTER EIGHT: INTERNATIONAL MARKETS.....	130
U.S. NUTRACEUTICAL MARKET .....	130
U.S. NUTRACEUTICAL PRODUCT MARKET OVERVIEW .....	130
<i>TABLE 107 U.S. NUTRACEUTICAL PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	130
U.S. NUTRACEUTICAL BEVERAGE MARKET OVERVIEW .....	130
<i>TABLE 108 U.S. NUTRACEUTICAL BEVERAGE PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	131
U.S. NUTRACEUTICAL FOOD MARKET OVERVIEW .....	131
<i>TABLE 109 U.S. NUTRACEUTICAL FOOD PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	131
U.S. NUTRACEUTICAL HEALTH APPLICATION MARKET OVERVIEW.....	132
<i>TABLE 110 U.S. NUTRACEUTICAL HEALTH APPLICATION MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	132
EUROPE'S NUTRACEUTICAL MARKET.....	132
EUROPE'S NUTRACEUTICAL PRODUCT MARKET OVERVIEW.....	132
<i>TABLE 111 EUROPE'S NUTRACEUTICAL PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	133
EUROPE'S NUTRACEUTICAL BEVERAGE MARKET OVERVIEW.....	133
<i>TABLE 112 EUROPE'S NUTRACEUTICAL BEVERAGE PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	133
EUROPE'S NUTRACEUTICAL FOOD MARKET OVERVIEW .....	133
<i>TABLE 113 EUROPE'S NUTRACEUTICAL FOOD PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS)</i> .....	134
EUROPE'S NUTRACEUTICAL HEALTH APPLICATION MARKET OVERVIEW .....	134

TABLE 114 EUROPE'S NUTRACEUTICAL HEALTH APPLICATION MARKET, THROUGH 2013 (\$ MILLIONS) .....	134
JAPAN'S NUTRACEUTICAL MARKET .....	135
JAPAN'S NUTRACEUTICAL PRODUCT MARKET OVERVIEW .....	135
TABLE 115 JAPAN'S NUTRACEUTICAL PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS).....	135
JAPAN'S NUTRACEUTICAL BEVERAGE MARKET OVERVIEW .....	135
TABLE 116 JAPAN'S NUTRACEUTICAL BEVERAGE PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS) .....	136
JAPAN'S NUTRACEUTICAL FOOD MARKET OVERVIEW .....	136
TABLE 117 JAPAN'S NUTRACEUTICAL FOOD PRODUCT MARKET, THROUGH 2013 (\$ MILLIONS).....	136
JAPAN'S NUTRACEUTICAL HEALTH APPLICATION MARKET OVERVIEW .....	137
TABLE 118 JAPAN'S NUTRACEUTICAL HEALTH APPLICATION MARKET, THROUGH 2013 (\$ MILLIONS) .....	137
CHAPTER NINE: FUNCTIONAL FOOD MARKET PATENT OVERVIEW .....	138
FUNCTIONAL FOOD MARKET PATENT ANALYSIS .....	138
GENERAL TRENDS.....	138
TABLE 119 NUMBER OF NUTRACEUTICAL PATENTS, 2003-2008.....	138
TRENDS BY APPLICATION .....	139
FIGURE 12 NUTRACEUTICALS PATENT FILED – BY HEALTH APPLICATIONS (%).....	139
CHAPTER TEN: COMPANY PROFILES .....	140
ALPRO UK, LTD. ....	140
PRODUCTS .....	140
TABLE 120 PRODUCT PORTFOLIO.....	140
TABLE 120 (CONTINUED).....	141
NEW PRODUCTS .....	141
STRATEGY.....	141
ATKINS NUTRITIONALS, INC. ....	142
TABLE 121 ATKINS NUTRITIONALS PRODUCTS.....	142
NEW PRODUCTS .....	142
STRATEGY.....	143
BOEHRINGER INGELHEIM .....	143
TABLE 122 BOEHRINGER INGELHEIM PRODUCTS.....	143
STRATEGY.....	143
BASF GROUP .....	144
TABLE 123 BASF GROUP PRODUCTS.....	144
NEW PRODUCTS .....	144
STRATEGY.....	145

BAYER HEALTHCARE AG .....	145
PRODUCTS .....	145
<i>TABLE 124 BAYER HEALTHCARE PRODUCTS</i> .....	<i>145</i>
STRATEGY .....	146
BIOGAIA AB .....	146
<i>TABLE 125 BIOGAIA AB PRODUCTS</i> .....	<i>146</i>
NEW PRODUCTS .....	147
STRATEGY .....	147
CADBURY .....	147
<i>TABLE 126 CADBURY PRODUCTS</i> .....	<i>148</i>
NEW PRODUCTS .....	148
STRATEGY .....	148
CARGILL, INCORPORATED .....	149
<i>TABLE 127 CARGILL PRODUCTS</i> .....	<i>149</i>
NEW PRODUCTS .....	149
STRATEGY .....	150
CLIF BAR & COMPANY .....	150
<i>TABLE 128 CLIF BAR &amp; COMPANY PRODUCTS</i> .....	<i>150</i>
NEW PRODUCTS .....	151
STRATEGY .....	151
COCA-COLA COMPANY .....	151
<i>TABLE 129 COCA-COLA COMPANY PRODUCTS</i> .....	<i>152</i>
<i>TABLE 129 (CONTINUED)</i> .....	<i>153</i>
NEW PRODUCTS .....	153
STRATEGY .....	153
DAIRY CREST GROUP .....	154
<i>TABLE 130 DAIRY CREST GROUP PRODUCTS</i> .....	<i>154</i>
<i>TABLE 130 (CONTINUED)</i> .....	<i>155</i>
NEW PRODUCTS .....	155
STRATEGY .....	155
DANISCO A/S .....	155
<i>TABLE 131 DANISCO A/S PRODUCTS</i> .....	<i>156</i>
NEW PRODUCTS .....	156
STRATEGY .....	156
DANNON GROUP .....	157
<i>TABLE 132 DANNON GROUP PRODUCTS</i> .....	<i>157</i>
STRATEGY .....	157
DR. PEPPER SNAPPLE GROUP .....	158
PRODUCT PORTFOLIO .....	158
NEW PRODUCTS .....	158
STRATEGY .....	158
DSM NUTRITIONAL PRODUCTS .....	159
<i>TABLE 133 DSM NUTRITIONAL PRODUCTS</i> .....	<i>159</i>
NEW PRODUCTS .....	160

STRATEGY.....	160
GALENICA LTD.....	161
TABLE 134 GALENICA LTD. PRODUCTS.....	161
NEW PRODUCTS.....	161
Strategy.....	161
GENERAL MILLS, INC.....	161
TABLE 135 PRODUCTS.....	162
NEW PRODUCTS.....	162
STRATEGY.....	162
GENERAL NUTRITION CENTER CORPORATION (GNC).....	163
TABLE 136 GENERAL NUTRITION CENTER PRODUCTS.....	163
TABLE 136 (CONTINUED).....	164
NEW PRODUCTS.....	164
STRATEGY.....	164
HANSEN NATURAL.....	164
TABLE 137 HANSEN NATURAL PRODUCTS.....	165
NEW PRODUCTS.....	165
STRATEGY.....	165
HERBALIFE INTERNATIONAL OF AMERICA INC.....	165
TABLE 138 HERBALIFE INTERNATIONAL OF AMERICA INC.	
PRODUCTS.....	166
NEW PRODUCTS.....	166
STRATEGY.....	166
INVERNESS MEDICAL NUTRITIONAL GROUP.....	167
TABLE 139 INVERNESS MEDICAL NUTRITIONAL GROUP	
PRODUCTS.....	167
STRATEGY.....	168
JOHNSON & JOHNSON.....	168
TABLE 140 JOHNSON & JOHNSON PRODUCTS.....	168
NEW PRODUCTS.....	169
STRATEGY.....	169
JORDAN'S CEREALS.....	169
TABLE 141 JORDAN'S CEREALS PRODUCTS.....	170
NEW PRODUCTS.....	170
STRATEGY.....	170
KELLOGG COMPANY.....	171
TABLE 142 KELLOGG COMPANY PRODUCTS.....	171
NEW PRODUCTS.....	171
STRATEGY.....	172
KRAFT.....	172
TABLE 143 KRAFT PRODUCTS.....	172
TABLE 143 (CONTINUED).....	173
NEW PRODUCTS.....	173
STRATEGY.....	173



LONZA GROUP, LTD.....	174
PRODUCTS .....	174
<i>TABLE 144 LONZA GROUP, LTD. PRODUCTS .....</i>	<i>174</i>
NEW PRODUCTS .....	174
STRATEGY.....	175
MULLER DAIRY (U.K.), LIMITED.....	175
<i>TABLE 145 MULLER DAIRY PRODUCTS .....</i>	<i>175</i>
NEW PRODUCTS .....	176
STRATEGY.....	176
NBTY, INC.....	176
<i>TABLE 146 NBTY, INC PRODUCTS .....</i>	<i>176</i>
<i>TABLE 146 (CONTINUED).....</i>	<i>177</i>
NEW PRODUCTS .....	177
STRATEGY.....	177
NESTLE U.K., LTD. ....	178
<i>TABLE 147 NESTLE U.K PRODUCTS.....</i>	<i>178</i>
NEW PRODUCTS .....	178
STRATEGY.....	179
NUTRACEUTICAL INTERNATIONAL CORPORATION.....	179
<i>TABLE 148 NUTRACEUTICAL INTERNATIONAL PRODUCTS.....</i>	<i>179</i>
<i>TABLE 148 (CONTINUED).....</i>	<i>180</i>
NEW PRODUCTS .....	180
STRATEGY.....	180
OCEAN SPRAY CRANBERRIES, INC. ....	181
<i>TABLE 149 OCEAN SPRAY PRODUCTS.....</i>	<i>181</i>
<i>TABLE 149 (CONTINUED).....</i>	<i>182</i>
NEW PRODUCTS .....	182
STRATEGY.....	182
PEPSICO .....	183
<i>TABLE 150 PRODUCTS .....</i>	<i>183</i>
NEW PRODUCTS .....	184
STRATEGY.....	184
SO GOOD INTERNATIONAL .....	185
<i>TABLE 151 SO GOOD INTERNATIONAL PRODUCTS .....</i>	<i>185</i>
NEW PRODUCTS .....	185
STRATEGY.....	186
SOLAE, LLC .....	186
PRODUCTS.....	186
<i>TABLE 152 SOLAE PRODUCTS.....</i>	<i>186</i>
<i>TABLE 152 (CONTINUED).....</i>	<i>187</i>
NEW PRODUCTS .....	187
STRATEGY.....	187
TWIN LABORATORIES, INC.....	188
<i>TABLE 153 TWIN LABORATORIES PRODUCTS.....</i>	<i>188</i>

<i>TABLE 153 (CONTINUED)</i> .....	189
<i>TABLE 153 (CONTINUED)</i> .....	190
NEW PRODUCTS .....	190
STRATEGY.....	190
UNITED BISCUITS.....	191
<i>TABLE 154 UNITED BISCUITS PRODUCTS</i> .....	191
NEW PRODUCTS .....	191
STRATEGY.....	192
WEETABIX, LIMITED.....	192
<i>TABLE 155 WEETABIX PRODUCTS</i> .....	192
NEW PRODUCTS .....	193
STRATEGY.....	193
YEO VALLEY FARMS (PRODUCTION), LTD.....	193
PRODUCTS .....	193
<i>TABLE 156 YEO VALLEY FARMS PRODUCTS</i> .....	193
<i>TABLE 156 (CONTINUED)</i> .....	194
NEW PRODUCTS .....	194
STRATEGY.....	194
APPENDIX I.....	195
PATENTS.....	195
<i>TABLE 157 UNITED STATES PATENTS</i> .....	195
<i>TABLE 157 (CONTINUED)</i> .....	196
<i>TABLE 157 (CONTINUED)</i> .....	197
<i>TABLE 157 (CONTINUED)</i> .....	198
<i>TABLE 157 (CONTINUED)</i> .....	199
<i>TABLE 157 (CONTINUED)</i> .....	200
<i>TABLE 157 (CONTINUED)</i> .....	201
<i>TABLE 157 (CONTINUED)</i> .....	202
<i>TABLE 157 (CONTINUED)</i> .....	203
<i>TABLE 157 (CONTINUED)</i> .....	204
<i>TABLE 157 (CONTINUED)</i> .....	205
<i>TABLE 157 (CONTINUED)</i> .....	206
<i>TABLE 158 EUROPEAN PATENTS</i> .....	206
<i>TABLE 158 (CONTINUED)</i> .....	207
<i>TABLE 158 (CONTINUED)</i> .....	208
<i>TABLE 158 (CONTINUED)</i> .....	209
<i>TABLE 158 (CONTINUED)</i> .....	210
<i>TABLE 158 (CONTINUED)</i> .....	211
<i>TABLE 158 (CONTINUED)</i> .....	212
<i>TABLE 159 JAPANESE PATENTS</i> .....	212
<i>TABLE 159 (CONTINUED)</i> .....	213
<i>TABLE 159 (CONTINUED)</i> .....	214
<i>TABLE 159 (CONTINUED)</i> .....	215
<i>TABLE 159 (CONTINUED)</i> .....	216

<i>TABLE 159 (CONTINUED)</i> .....	217
APPENDIX II.....	218
NANOTECHNOLOGY.....	218
<i>TABLE 160 NANOTECHNOLOGY COMPANIES</i> .....	218
<i>TABLE 160 (CONTINUED)</i> .....	219
APPENDIX III.....	220
ACRONYMS.....	220