



Institute of Nutrition, Mahidol University

D/M/Y

Service no.

SFC SFM
 SFT SST
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Analytical Request Form

Food analysis	US	Nutrition Labeling	US	Food Toxicology	US	Microbiological examination	
<input type="checkbox"/> Energy by bomb calorimeter	48	Nutrition Labeling THAI		<input type="checkbox"/> Benzoic acid	40	<input type="checkbox"/> Aerobic plate count	16
<input type="checkbox"/> Energy by difference	0	<input type="checkbox"/> Calories	0	<input type="checkbox"/> Sorbic acid	40	<input type="checkbox"/> Yeast and Mold	20
<input type="checkbox"/> Moisture	16	<input type="checkbox"/> Total fat	32	<input type="checkbox"/> Benzoic and Sorbic	60	<input type="checkbox"/> MPN coliform	16
<input type="checkbox"/> Crude protein	24	<input type="checkbox"/> Saturated fat	91	<input type="checkbox"/> Saccharin	40	<input type="checkbox"/> <i>Escherichia coli</i>	20
<input type="checkbox"/> Real protein	32	<input type="checkbox"/> Cholesterol	95	<input type="checkbox"/> Sulfur dioxide	28	<input type="checkbox"/> <i>Salmonellae spp.</i>	24
<input type="checkbox"/> Crude fat	32	<input type="checkbox"/> Protein	24	<input type="checkbox"/> Salicylic acid	22	<input type="checkbox"/> <i>Clostridium perfringens</i>	24
<input type="checkbox"/> Ash	20	<input type="checkbox"/> Total CHO (by difference)	0	<input type="checkbox"/> Synthetic food color	34	<input type="checkbox"/> <i>Clostridium perfringens</i> (นับ)	48
<input type="checkbox"/> Total carbohydrate	0	<input type="checkbox"/> Total sugars	79	<input type="checkbox"/> Nitrate and Nitrite	40	<input type="checkbox"/> <i>Staphylococcus aureus</i>	28
<input type="checkbox"/> Dietary fiber	158	<input type="checkbox"/> Sodium	20	<input type="checkbox"/> Nitrite	28	<input type="checkbox"/> <i>Staphylococcus aureus</i> (นับ)	56
<input type="checkbox"/> Soluble dietary fiber	79	<input type="checkbox"/> Moisture 16 <input type="checkbox"/> Ash 20		<input type="checkbox"/> Caffeine	40	<input type="checkbox"/> <i>Bacillus cereus</i>	24
<input type="checkbox"/> Insoluble dietary fiber	158	<input type="checkbox"/> Sample preparation and	12	<input type="checkbox"/> Lead	40	<input type="checkbox"/> <i>Bacillus cereus</i> (นับ)	48
<input type="checkbox"/> Fructans (Inulin+Fructooligosaccharides)	316	serving size measurement		<input type="checkbox"/> Cadmium	36	<input type="checkbox"/> <i>Listeria monocytogenes</i>	40
<input type="checkbox"/> Fructooligosaccharides (FOS)	355	<input type="checkbox"/> Development of	20	<input type="checkbox"/> Lead and Cadmium	60	<input type="checkbox"/> pH	4
<input type="checkbox"/> Sugar	79	“Nutrition Information”		<input type="checkbox"/> Borax acid	20	<input type="checkbox"/> Canned Food (low acid)	52
<input type="checkbox"/> Glucose, Fructose, Sucrose	119	<input type="checkbox"/> Nutrition Information – GDA 12		<input type="checkbox"/> Color	8	<input type="checkbox"/> Canned Food (acid food)	24
<input type="checkbox"/> Lactose ¹ <input type="checkbox"/> Sorbitol ¹	119	<input type="checkbox"/> Nutrition Information Thai-USA 28		<input type="checkbox"/> Lead and Cadmium	40	<input type="checkbox"/> Lactic acid bacteria°C	16
<input type="checkbox"/> Maltose ¹	119	<input type="checkbox"/>		<input type="checkbox"/> Nitrate and <input type="checkbox"/> Nitrite	26	<input type="checkbox"/> Trypsin inhibitor	111
<input type="checkbox"/> Total solid	16	<input type="checkbox"/>		<input type="checkbox"/> Nitrite	20	<input type="checkbox"/>	
<input type="checkbox"/> Milk solid	154	<input type="checkbox"/>		<input type="checkbox"/> Chloride in water	20	<input type="checkbox"/>	
<input type="checkbox"/> Milk solid not fat	122	<input type="checkbox"/>		<input type="checkbox"/> Hardness	20	Food Physical Properties	
<input type="checkbox"/> Fatty acids profile	119	<input type="checkbox"/>		<input type="checkbox"/> Sulfate	20	<input type="checkbox"/> Water activity	16
<input type="checkbox"/> Trans fat	138	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/> pH	4
<input type="checkbox"/> Cholesterol	95			<input type="checkbox"/>		<input type="checkbox"/> Smell	20
<input type="checkbox"/> Calcium ²	24			Urine		<input type="checkbox"/> Taste	20
<input type="checkbox"/> Sodium ² 20 <input type="checkbox"/> Potassium ² 20		Nutrition Labeling USA		<input type="checkbox"/> Iodine (ICP-MS)	4	<input type="checkbox"/> Appearance	20
<input type="checkbox"/> Magnesium ² 28 <input type="checkbox"/> Iron ² 28		<input type="checkbox"/> Calories	0	<input type="checkbox"/> Deuterium (2H) & Oxygen (18O)	197	<input type="checkbox"/> Smell, Taste, Appearance	20
<input type="checkbox"/> Zinc ² 28 <input type="checkbox"/> Copper ² 28		<input type="checkbox"/> Total fat	32	<input type="checkbox"/> Deuterium by FTIR	119	<input type="checkbox"/> Net weight	4
<input type="checkbox"/> Chloride 32 <input type="checkbox"/> Vitamin C 60		<input type="checkbox"/> Saturated fat	91	<input type="checkbox"/> Calculation <input type="checkbox"/> TBW	8	<input type="checkbox"/> Drain weight	4
<input type="checkbox"/> Vitamin A 79 <input type="checkbox"/> β-carotene 79		<input type="checkbox"/> Trans fat	138	<input type="checkbox"/> BM 8 <input type="checkbox"/> TEE	16	<input type="checkbox"/> Acidity แบบ 16	
<input type="checkbox"/> Vitamin D 158 <input type="checkbox"/> Vitamin E 79		<input type="checkbox"/> Cholesterol	95	Saliva		<input type="checkbox"/> Bloom	20
<input type="checkbox"/> Vitamin B ₁ 60 <input type="checkbox"/> Vitamin B ₂ 52		<input type="checkbox"/> Sodium	20	<input type="checkbox"/> Deuterium by FTIR	40	<input type="checkbox"/> Viscosity (Bostwick)	12
<input type="checkbox"/> Vitamin B ₁ ,B ₂ 91		<input type="checkbox"/> Total CHO (by difference)	0	<input type="checkbox"/> Calculation <input type="checkbox"/> TBW	8	<input type="checkbox"/> Colorimeter	12
<input type="checkbox"/> Niacin (B ₃) 79 <input type="checkbox"/> Vitamin B ₆ 119		<input type="checkbox"/> Dietary fiber	158	<input type="checkbox"/> BM 8	8	<input type="checkbox"/> Color (Munsell Books)	8
<input type="checkbox"/> Biotin (B ₇) 86 <input type="checkbox"/> Folate (B ₉) 138		<input type="checkbox"/> Total sugars	79	Ingredients (ส่วนประกอบ)		<input type="checkbox"/> Texture quality	20
<input type="checkbox"/> Vitamin B ₁₂ 111		<input type="checkbox"/> Protein 24 <input type="checkbox"/> Vitamin D 158				<input type="checkbox"/> Particle size	12
<input type="checkbox"/> Pantothenic acid (B ₅) 99		<input type="checkbox"/> Calcium ² 24 <input type="checkbox"/> Iron ² 48				<input type="checkbox"/> Peroxide value in oil	28
<input type="checkbox"/> Antioxidant activity:- <input type="checkbox"/> ORAC 138		<input type="checkbox"/> Potassium 20 <input type="checkbox"/> Ash 20				<input type="checkbox"/> Acid value in oil	16
<input type="checkbox"/> FRAP ³ 99 <input type="checkbox"/> DPPH ³ 99		<input type="checkbox"/> Moisture	16			<input type="checkbox"/> Viscosity (Brookfield)	12
<input type="checkbox"/> Total polyphenol ³	79	<input type="checkbox"/> Sample preparation and	12			<input type="checkbox"/> Osmolality	95
<input type="checkbox"/> Coenzyme Q10	138	serving size measurement				<input type="checkbox"/>	
<input type="checkbox"/> Iodine in food (ICP-MS)	138	<input type="checkbox"/> Development of	20			<input type="checkbox"/>	
<input type="checkbox"/>		“Nutrition Information”					
<input type="checkbox"/> Other							
<input type="checkbox"/> Measurement uncertainty \$12 US (specify parameter):							
<input type="checkbox"/> Statement of conformity (Pass/Not Pass): please specify Standard/Notification/Decision rule							

¹Additional sugar in the sample sample costs \$40 US each ²Addition minerals in the sample sample cost \$20 US for dry ashing or wet digestion

³FRAP, DPPH, Total polyphenol 2 each sample or more \$60 US

Note: Laboratory of Institute of Nutrition has policy not to apply decision rule to report pass/not pass of the report.

หมายเหตุ ห้องปฏิบัติการสถาบันโภชนาการมีนโยบายไม่ใช้กฎเกณฑ์การตัดสินว่าการทดสอบนั้นผ่าน/ไม่ผ่านมาตรฐาน

จัดทำ: วิมลรัตน์ มีทวี	ทบทวน: ศุจินตรา สมประชา	อนุมัติ: ครรชิต จุดประสงค์	วันที่ออกใช้: 16 ตุลาคม 2568
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