

2 Typical measurement results by table

Commodity

No.	Classification	Sample	Weight (g)	Measurement Mode	Pan Temp. (C)	Process Time (Min)	Moisture Content			Remarks
							Mean Value (%)	Repeatability (%)	CV Value (%)	
1	Commodity	Tobacco	1	Standard-MID	100	6.5	10.58	0.339	3.2	Flake leaves and test. Smells strong while heating.
2	Commodity	Dried Dog Food	1	Standard-MID	160	9.2	8.68	0.059	0.68	Crush with hand mixer. Smells strong while heating.
3	Commodity	Tooth Paste	1	Standard-MID	180	6.4	36.43	0.472	1.3	Place the sample evenly on the pan.
4	Commodity	Laundry Starch (Liquid)	1	Standard-MID	200	5.5	93.38	0.17	0.18	Use a glass fiber sheet.
5	Commodity	Starch Glue (Paste)	5	Standard-MID	200	14	83.34	0.102	0.12	Place the sample evenly on the pan.
6	Commodity	Bond (Paste)	1	Standard-MID	200	9.7	61.3	0.309	0.5	Place the sample evenly on the pan.
7	Commodity	Hand Soap (Liquid)	1	Standard-MID	200	6	92.01	0.157	0.17	Use a glass fiber sheet.
8	Commodity	Lipstick	1	Standard-MID	100	1.9	0.778	0.1938	24.91	Spread the sample directly.
9	Commodity	Liquid Foundation	1	Standard-MID	140	12.6	75.93	0.126	0.166	Use a glass fiber sheet.
10	Commodity	Silver Fir Chip (Dried)	1	Standard-MID	200	3.7	11.17	0.081	0.73	
11	Commodity	Silica Sand	10	Standard-HI	200	2.3	0.498	0.0741	14.88	
12	Commodity	Cement (Powder)	5	Standard-MID	200	3	0.408	0.0222	5.44	
13	Commodity	Putty (Paste)	1	Standard-MID	200	7.3	33.73	0.549	1.63	
14	Commodity	Synthetic Resin Paint (Acrylic and Aqueous Fluid Type)	1	Standard-MID	200	13.6	53.93	0.15	0.28	Use a glass fiber sheet.
15	Commodity	Xerox Paper	1	Standard-MID	200	2.8	4.69	0.174	3.17	Cut the sample into small bits.
16	Commodity	Cardboard	1	Standard-MID	100	4.2	6.66	0.109	1.64	Cut the sample into small bits.

Food A(Grain, Beans, Sea Foods, Seasonings, Spices and Flavoring)

No.	Classification	Sample	Weight (g)	Measurement Program	Pan Temp (C)	Process Time (Min)	Moisture Content			Remarks
							Mean Value (%)	Repeatability (%)	CV Value (%)	
17	Food	Corn Grits (Powder)	5	Standard-MID	160	17.5	12.06	0.072	0.6	
18	Food	Corn Starch (Powder)	5	Standard-MID	200	7.1	12.74	0.137	1.08	
19	Food	Starch	5	Standard-MID	180	7.8	15.95	0.157	0.99	
20	Food	Buckwheat Flour	5	Standard-MID	180	10.2	15.13	0.191	1.26	
21	Food	Soft Flour	5	Standard-MID	200	7.3	13.03	0.26	2	
22	Food	Floured Rice	5	Standard-MID	200	7.6	12.89	0.134	1.04	
23	Food	Oats	5	Standard-MID	200	13.7	13.56	0.066	0.49	
24	Food	Preprocessed Oats (Grain)	1	Standard-MID	160	19.7	11.8	0.352	2.98	
25	Food	White Rice	5	Standard-MID	200	14.3	15.88	0.198	1.25	Crush with hand mixer.
26	Food	Pre-cooked Rice	1	Standard-MID	200	15.3	64.51	0.384	0.6	
27	Food	Soybean Powder	5	Standard-MID	160	8.2	9.92	0.061	0.61	
28	Food	Cashew Nuts	5	Standard-MID	140	8.5	3.04	0.01	0.33	Crush with hand mixer.
29	Food	Butter Peanuts	5	Standard-MID	140	9.6	2.1	0.077	3.67	Crush with hand mixer.
30	Food	Ground Coffee Beans (Powder)	5	Standard-MID	140	9.8	4.43	0.036	0.81	
31	Food	Dried Squid	2	Standard-MID	180	20.5	26.21	0.312	1.19	Cut the sample into small bits.
32	Food	Boiled Dried Fish	2	Standard-MID	160	8.3	17.28	0.235	1.36	Crush with hand mixer.
33	Food	Dried Whitebait	5	Standard-MID	200	15.3	70.23	0.246	0.35	
34	Food	Dried Bonito Fish Flake	1	Standard-MID	120	6	14.69	0.77	5.24	Crush with hand mixer.
35	Food	Fish Sausage	2	Standard-MID	200	15.6	78.02	0.227	0.29	Cut the sample into small bits.
36	Food	Sugar Crystals (Powder)	5	Standard-MID	160	1.7	0.162	0.013	8.02	
37	Food	Soft Brown Sugar (Powder)	5	Standard-MID	160	5.4	0.973	0.0386	3.97	
38	Food	Seasoned Salt	5	Standard-MID	100	1.1	0.086	0.0151	17.56	
39	Food	Salt	5	Standard-MID	200	1.7	0.16	0.0082	5	
40	Food	Flavour Seasoning	5	Standard-MID	100	8.5	1.55	0.02	1.29	
41	Food	Ketchup	1	Standard-MID	160	16.1	70.42	0.643	0.91	Spread the sample between two glass fiber sheets.
42	Food	Mayonnaise (Egg yolk type)	1	Standard-MID	200	2.9	19.65	0.235	1.20	
43	Food	Pepper (Cracked)	5	Standard-MID	160	15.9	12.23	0.142	1.16	

44	Food	Chilli Pepper Powder	5	Standard-MID	120	17.3	5.81	0.06	1.03	
45	Food	Seasoned Chilli Pepper Powder	5	Standard-MID	120	16.9	4.9	0.085	1.73	
46	Food	Powder Mustard	5	Standard-MID	140	9.3	4.76	0.051	1.07	
47	Food	Powder Horse Radish	5	Standard-MID	140	11.4	3.7	0.082	2.22	
48	Food	Horse Radish (Grated)	1	Standard-MID	200	15.1	39.07	0.123	0.32	Crush the sample from above a glass fiber sheet.
49	Food	Ginger (Grated)	1	Standard-MID	200	11.9	84.77	0.439	0.52	
50	Food	Dijon mustard (Paste)	1	Standard-MID	200	13.5	54.55	0.416	0.76	
51	Food	Citric Acid	5	Standard-MID	100	7.2	4.54	0.21	4.63	
52	Food	Anhydrous Glucose	5	Standard-MID	140	1.7	0.696	0.0054	0.78	

Food B(Processed foods, Dairy products, Snacks and Sweets, Beverage and others)

No.	Classification	Sample	Weight (g)	Measurement Program	Pan Temp (C)	Process Time (Min)	Moisture Content			Remarks
							Mean Value (%)	Repeatability (%)	CV Value (%)	
53	Food	Bread	1	Standard-MID	160	7.3	36.65	0.550	1.50	Measure after breaking into bits.
54	Food	Bread Crumbs	1	Standard-MID	200	6.2	32.36	0.505	1.56	
55	Food	Dried Soup	5	Standard-MID	140	14.1	4.73	0.079	1.67	
56	Food	Instant Bean Paste Soup	1	Standard-MID	160	12.9	63.43	0.728	1.15	Spread the sample between two glass fiber sheets.
57	Food	Instant Chinese Noodle	2	Standard-MID	140	9.6	1.53	0.091	5.96	Crush the sample by tapping the sample
58	Food	Sippet	2	Standard-MID	160	8.4	5.68	0.119	2.1	Crush the sample by tapping the sample.
59	Food	Brown Rice Cereal	2	Standard-MID	160	7.9	4.42	0.071	1.61	Crush the sample by tapping the sample.
60	Food	Dried Pasta	2	Standard-MID	200	15.8	13.7	0.211	1.54	Crush the sample by tapping the sample.
61	Food	Dried Wheat Noodle	5	Standard-MID	200	20	13.36	0.109	0.82	Cut the sample by about 3cm.
62	Food	Dried Bean Starch Vermicelli	2	Standard-MID	200	15.8	14.8	0.15	1.01	Cut the sample by about 3cm.
63	Food	Dried Brown Seaweed	1	Standard-MID	200	9.2	11.49	0.367	3.19	Crush with hand mixer.
64	Food	Wood Ear (Sliced)	2	Standard-MID	180	18.3	13.13	0.227	1.73	Cut the sample by about 3cm.
65	Food	Beef Jerky	2	Standard-MID	200	26.7	27.65	0.243	0.88	Cut the sample into small bits.
66	Food	Rice Cracker	5	Standard-MID	140	17.1	6.93	0.045	0.65	Crush the sample by tapping the sample.
67	Food	Cookie	5	Standard-MID	140	5.5	2	0.054	2.7	Crush the sample by tapping the sample.
68	Food	Caramel	2	Standard-MID	140	16.4	5.94	0.071	1.2	Press the sample to 1mm thick and put on a glass fiber sheet.
69	Food	Banana chips (Sliced and Dried)	1	Standard-MID	180	7.0	4.53	0.060	1.32	Measure after crushing.
70	Food	Potato Crisps	5	Standard-MID	140	9.3	1.88	0.054	2.87	Crush the sample by tapping the sample.
71	Food	Snack (Shrimp Flavour)	5	Standard-MID	160	6.4	2.54	0.043	1.69	Crush the sample by tapping the sample.
72	Food	Snack (Instant Fried Noodle)	5	Standard-MID	140	8.7	1.31	0.039	2.98	Crush the sample by tapping the sample.
73	Food	Jam	1	Standard-MID	160	17.0	33.96	0.109	0.32	
74	Food	Honey (Drying temp., 120C)	1	Standard-MID	120	20.3	17.76	0.282	1.59	Put on a glass fiber sheet.
75	Food	Honey (Drying temp., 140C)	1	Standard-MID	140	14.5	19.38	0.539	2.78	Put on a glass fiber sheet.

76	Food	Honey (Drying temp., 160C)	1	Standard-MID	160	20.4	22.92	1.599	6.98	Put on a glass fiber sheet.
77	Food	Condensed Milk	1	Standard-MID	140	11.9	25.59	0.4	1.59	Put on a glass fiber sheet.
78	Food	Milk Substitute (Liquid)	1	Standard-MID	200	4.5	61.83	0.491	0.79	Use a glass fiber sheet.
79	Food	Butter (Solid, Salted)	1	Standard-MID	140	4.1	14.94	0.186	1.24	
80	Food	Grated Cheese	1	Standard-MID	160	8.1	10.65	0.252	2.37	
81	Food	Skimmed Milk	2	Standard-MID	140	16.7	6.49	0.255	3.93	
82	Food	Milk	1	Standard-MID	140	6.7	87.11	0.069	0.08	Use a glass fiber sheet.
83	Food	YoghurtA	1	Standard-MID	160	11.5	81.17	0.383	0.47	Use a glass fiber sheet.
84	Food	YoghurtB	1	Automatic- (0.5%/min)	180	5.4	88.07	0.209	0.24	Measure after putting the sample between folded glass fiber sheet and pressing it hard.
85	Food	Soy Milk	1	Standard-MID	180	5.6	90.11	0.142	0.16	Use a glass fiber sheet.
86	Food	Green Tea Leaves	5	Standard-MID	140	11.6	5.53	0.023	0.42	Crush with hand mixer.
87	Food	Instant Coffee A	1	Standard-MID	120	7.1	7.66	0.100	1.31	
88	Food	Instant Coffee B	4	Standard-MID	100	5.9	2.06	0.055	2.67	
89	Food	Orange Juice	1	Standard-MID	140	7.3	89.48	0.209	0.23	Use a glass fiber sheet.
90	Food	Powdered Cold Beverage	5	Standard-MID	120	2.7	0.408	0.0476	11.67	
91	Food	Cold Beverage (Jellylike)	1	Standard-MID	140	17.5	76.3	0.285	0.37	Use a glass fiber sheet.
92	Food	Agar Powder	5	Standard-MID	180	8.5	17.76	0.125	0.7	
93	Food	Gelatin (Powder)	5	Standard-MID	200	15.4	16.03	0.223	1.39	