

Procedures for the Test of Agricultural Primary Products

1. Send test application letter with the following requirements

**Test Application form (sample)
(with Company Letter Head)**

To
Director
Plant Protection Division
Department of Agriculture
Yangon

Date –

Subject: Requesting for the analysis of Pesticides Residue

We, our company would like to kindly request test of pesticides residue from ()crop /the agricultural primary products to export ()/ to distribute local marketing.

With Respect,

Customer Sign

Name of Ownership

Phone no.& Address

2. Deposit test fee (e.g., cost for pesticide residue)

2.1 For one crop sample (or) edible oil sample, test fee are as follows.

Customer deposit test fee at Insein, Myanmar Economic Bank.MD-013156

No	Test Parameters	Fee (Kyats)
1	Pesticides Residues	30000
2	Total Aflatoxin (B1, B2, G1, G2)	30000
3	Heavy Metal- Cd (By AAS), oil and crops	15000
4	Heavy Metal -Pb (By AAS), oil and crops	15000
5	Heavy Metal -Ni (By AAS), oil and crops	15000
6	Heavy Metal- Cu (By AAS), oil and crops	15000
7	Acid Value(AV)	9000
8	Color	5000
9	Density	14000
10	Diene &Triene (By UV-Vis Spectro)	22000
11	Fatty Acid Profile (By GC)	45000
12	Free Fatty Acid (FFA)	3500
13	Iodine Value(IV)	27000
14	Mineral Oil	3000
15	Moisture in Oil	7500
16	Moisture in Oilseeds	4000
17	Oil content in Oilseeds	8500
18	p-Anisidine Value(By UV-Vis Spectro)	30000
19	Peroxide Value(PV)	27000
20	Refractive index (RI)	3000
21	Viscosity	5000
22	Saponification value (SV)	4000
23	Beta-carotene	22000
24	Chlorophyll content(by UV- Vis Spectro)	22000

(On the back) of Bank Receipt Written (sample)

Name of company -

Sample Name -

Parameter Name -

3. The customer submits the Original Bank Receipt and two copies of bank receipt together to the Agricultural Products Analytical Laboratory(APAL)

4. To submit the crop samples for the test (e.g, pesticide residue), receiving should be a representative sample from the field or a lot.

4.1. Size of the samples to be sent/ received by APAL

(a) Small sized fresh products ; berries, peas, etc. (< 25 g) – 1 kg

(b) Medium sized ; apples, orange, etc. (25–250 g) – 1 kg (at least 10 units)

(c) Large sized fresh products ; (> 250 g) – 2 kg

cabbage, cucumber, bunches of grapes etc. (at least 5 units)

No	Crops	Sample Size to be received by APAL
1	Pomelo, Avocado, Mango	2 kg
2	Peas & Beans and Cereals (rice, corn seed, wheat, barley)	1 kg
3	Maize (cob)	2 kg
4	<u>Oilseeds</u> Sesame, Saff flower Peanut, Sunflower, Soybean	500 g 1 kg
5	Onion, Garlic	5 kg
6	Cabbage	2 kg
7	Squash, Water melon	5 kg
8	Tomato, Pepper	2 kg
9	Coffee	500

Pesticide residues tests (Method – European EN 15662 by ECD–GC)

(40) Residue Test (Cost- 30000 Kyat)

No	Residue Test Available at APAL		
1	Dichorvos	21	Heptachlor epoxide
2	Ethoprophos	22	4,4DDE
3	Disulfoton	23	Endosulfan
4	P-methyl	24	Dieldrin
5	Fenchlorphos	25	Endrin
6	Chlorpyrifos	26	4,4DDT
7	Prothiofos	27	4,4DDD
8	Guthion	28	Methoxychlor
9	Fenitrothion	29	Endosulfan sulfate
10	Diazenon	30	Azoxystrobin
11	Dimethoate	31	Indoxacarb
12	Fipronil	32	Bifenthrin
13	Aldrin,	33	Difenoconazole
14	α - BHC	34	Propanil
15	β - BHC	35	Lamda-Cyhalothrin
16	γ - BHC	36	Cypermethrin
17	δ - BHC	37	Chlorothalonil
18	α - Chlordane	38	Chlorfenapyr
19	γ - Chlordane	39	Profenofos
20	Heptachlor	40	Propiconazole