



South Asia

Choose certainty.
Add value.

ULR-TC546018000001644F
Test Report No. BLR/F(C)/18/028048 & BLR/F(C)/18/028049
Dated 2018-11-21

Issued To : SAYO Enterprise
B/803, Persiana, CASA RIO, Palava
Dombivali East, Thane, Mumbai
Mumbai, Maharashtra,
India - 421203.

Attention : Anand Talsaniya,
Customer Ref. No. : Letter, Dated 2018-11-09

Sample Particulars


Product Name SAYO ULTRASONIC KITCHEN SINK

Date of Sample Receipt : Received on 2018-11-09

Date of Analysis : 2018-11-10

Date of Completion : 2018-11-15

Authorized By


B. Manjunath
Authorized Signatory

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link-<http://www.tuv-sud.in/in-en/resource-centre/terms-and-conditions>

Note: For any technical query, please contact Satya Srinivas, at Satya.Srinivas@tuv-sud.in and for any complaint please contact Nagaraj R at R.Nagaraj@tuv-sud.in

Note : (1) The results relate only to the items tested, (2) the test report shall not be reproduced except in full without the written approval of the laboratory,

Laboratory:

TÜV SÜD South Asia Pvt. Ltd.
No. A 151, 2nd C Main,
2nd Stage,
Peenya Industrial Estate
Bangalore,
Karnataka - 560058

Phone :+91 80 67458096
Fax :+91 80 67458058
E-Mail :satya.srinivas@tuv-sud.in
Url : www.tuv-sud.in
ControlNo:15360250.091118.075

Regd. Office:
TUV SUD South Asia Pvt. Ltd. Off
Saki Vihar Road, Saki naka,
Andheri (East), Mumbai-400072.
India

TUV®

ULR-TC546018000001644F

Test Report No. BLR/F(C)/18/028048 & BLR/F(C)/18/028049

Dated 2018-11-21

1. Selection of Vegetable / Fruit Samples

Commercially available fruit (Apple) and vegetables (Carrots) of good quality were procured from Bangalore market. The samples were cleaned with tap water thoroughly & then selected good Quality fruit/vegetable for spiking with the selected pesticide solutions.

2. Spiking of Pesticides (Malathion, Dichlorvos, Cypermethrin) in Vegetable / Fruit samples

The above fruit/vegetable samples were treated with pesticide solutions concentration of 10 mg/L each (malathion, dichlorvos & cypermethrin) for 2 minutes. The samples with pesticide on the surface were then dried for about 12 hours under ambient condition. Residual pesticides content in spiked samples were determined.

3. Sonication treatment of Vegetable / Fruit samples

The removal of pesticides from fruit/vegetable surfaces was carried out by sonicating of fruit/vegetable In SAYO ULTRASONIC KITCHIN SINK for 12 minutes. The sonication treated samples were washed with normal tap water and air-dried under ambient condition. Residual pesticides content in sonication treated fruit/vegetable samples were determined. The percent reduction of individual pesticide residues in each fruit and vegetable samples were calculated to know the efficiency of SAYO ULTRASONIC KITCHIN SINK for removal of pesticides in fruits and vegetables.

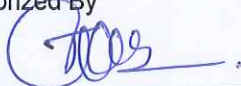
ULR-TC546018000001644F

Test Report No. BLR/F(C)/18/028048 & BLR/F(C)/18/028049

Dated 2018-11-21

S. No	TEST PARAMETER	TEST RESULTS		% REDUCTION	TEST METHOD
		Un-treated	Treated with (SAYO ultrasonic kitchen sink)		
1	Vegetable-Carrot				
	Malathion, mg/kg	0.0479	0.0070	85.02	AOAC-chapter-10; 20 th Edition
	Cypermethrin, mg/kg	0.0665	0.0171	74.32	AOAC-chapter-10; 20 th Edition
	Dichlorvos, mg/kg	0.0623	0.0029	95.32	AOAC-chapter-10; 20 th Edition
2	Fruit-Apple				
	Malathion, mg/kg	0.037	0.0015	96.04	AOAC-chapter-10; 20 th Edition
	Cypermethrin, mg/kg	0.0543	0.0204	62.44	AOAC-chapter-10; 20 th Edition
	Dichlorvos, mg/kg	0.0438	0.0018	95.8	AOAC-chapter-10; 20 th Edition

Authorized By



G.K. Jagadish
(Asst. Manager – Analytical)

- END OF TEST REPORT-