

FORM B
Report of the Food Analyst
(Refer Regulation (ii) of 2.3.1)

Report No. 9/14-15.

Certified that I **S.T.Thankachan** (name of the Food Analyst) duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for the Revenue District Thrissur (name of the local area) received from the Food Safety Officer, Thrissur Circle Special Squad (S.N.Puram Panchayath) a sample of **Mango** bearing Code number and Serial Number **2619** of Designated Officer of Thrissur area on the **Third day of June 2014** (date of receipt of sample) for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seal found intact and unbroken. The seal fixed on the container and outer cover of the sample were intact and tallied with the specimen impression of the seal.

I found the sample to be **Mango** (category of the sample) falling under section 3(1)(zk) of Food Safety and Standards Act, 2006. The sample was in a condition fit for analysis and has been analysed on **09/06/14** and completed on **16/06/14** (give date of starting and completion of analysis) and the result of its analysis is given below/was not in a condition fit for analysis for the reason given below:

Reasons:

Analysis report

(i) Sample Description : **Mango (1 Kg)**

(ii) Physical Appearance : The sample consists of partially ripened mangoes, outer surface of which were partially coated with a grey coloured powder with a paper cover containing a light grey coloured powdered material and the whole were kept in a non-sealed and non-labelled plastic bottle.

(iii) Label : **No label description.**

Sl. No	Quality Characteristics	Name of Method of test used	Results	Prescribed Standards as per section 3(1) (zk) of Food Safety and Standards Act 2006.
<u>Mangoes</u>				
The grey coloured powdered material found on the surface of mangoes is identified as a mixture of Calcium Carbonate and Calcium Hydroxide.				
1	Test for starch	Qualitative method	Positive	-
2	Test for residual calcium	"	Positive	-
3	Organo Chlorine Pesticide Residue (TLC method)	ICMR 1990	Not detected	-
4	Organo Phosphorus Pesticide Residue (TLC method)	"	Not detected	-
<u>Powdered material in the paper cover along with mango</u>				
5.	Test for Carbonate	Qualitative method	Positive	
6	Test for Calcium	"	Positive	
7	Test for Calcium Hydroxide	"	Positive	
8	Test for carbide gas No Acetylene gas is evolved when treated with water)	"	Negative	

Opinion : The said partially ripened mango is partially coated with a grey coloured substance. The grey coloured substance and the material received along with the mango are identified to be a mixture of Calcium Hydroxide and Calcium Carbonate. Hence the said sample is unsafe under section 3.1 (zz) (i) of Food Safety & Standards Act 2006.

Signed this the Sixteenth day of June 2014.

Address:

The Designated Officer, Thrissur
Office of the Designated Officer
Padinjare Nadakkavu P.O
M.G.Road, Thrissur Dist Pin.680001

Str/



[Signature]
Food Analyst