

## HOW SAFE ARE YOUR VEGGIES PROJECT

August, 2017

### BRINJAL

Fifty brinjal samples were collected randomly in the month of August, 2017 from the markets in the areas of Shamshabad, Mehdiapatnam, Chandrayana Gutta and Gudimalkapur.

The samples were analyzed for pesticide residues using validated method with confirmatory analysis on GC-MS/MS at 10 PPB (Parts per Billion) level.

Out of 50 samples analyzed, seven samples were found contaminated with 1 pesticide residue (Table-1) and no sample contains pesticide residues above FSSAI or CODEX MRLs.

**Table-1:** Details of pesticides detected in brinjal samples

| S. No. | Name of the Pesticide | Recommended/Non-Recommended | Name of the Formulations | FSSAI MRL mg/kg | Codex MRL mg/kg |
|--------|-----------------------|-----------------------------|--------------------------|-----------------|-----------------|
| 1      | Quinalphos            | Non-Recommended             | -                        | NA              | NA              |

\* NA – Not Available