

4 ನೇ ಅಧಿಕ ಜಿಲ್ಲಾ ಮತ್ತು ಸತ್ರ ನ್ಯಾಯಾಲಯ,
ತುಮಕೂರು-ಮಧುಗಿರಿ

S.C.No 5019/2022

PW.36

CW. 53

Date: 27.01.2026 witness appeared through VC and duly sworned:

Name	Dr. Navya D R
Husband Name	Ravikumar
Age	37
Occupation	Senior scientific officer , FSL, Bengaluru
Place of residence	Bengaluru

Examination in Chief: By Public Prosecutor:-

From 2019 to 2025 I am working as Scientific officer , FSL, Bengaluru.

From September 2025 till today I am working as Senior Scientific Officer.

The Articles / Documents sent in Cr.No.40/2022 of Koratagere Circle were received in the Laboratory for examination on 05.03.2022 through Nagaraju, Head Constable.

The above case is allotted to me on 05.03.2022 for chemical.

The seals found on the article/s were intact and tallied with sample seal. The description found on the article/s corresponds to that of those present in the invoice.

Materials Examined

Sl.No.	Article Smart Code	Description of article/s	I.O Marking
1	WBW8KC6D	Stomach and its contents & portion of small intestine and its contents.	10

2	VPFR6AWZ	Portion of liver and kidney.	11
3	9LQ8NC5Y	Preservative used saturated solution of sodium chloride.	12

Examination was conducted between 13/04/2022 to 28/04/2022.

Method of Analysis

Observations and Tests Conducted

The article Nos.1 and 2 are autopsied samples of Sumitra (Female/45 yrs) and article No.3 is the sample of preservative; Vide PMR No.121/2022; dated: 19-02-2022.

SAMPLING

- 1) Finely minced tissue samples, and preservative were subjected to steam distillation and the distillate was collected.
- 2) Finely minced tissue samples, and preservative were subjected to liquid extraction (LLE) with dichloromethane/diethylether/ethylacetate at acidic, neutral and basic pH. After phase separation, the organic layer was purified, evaporated to dryness and reconstituted with methanol.
- 3) Finely minced tissue samples, and preservative were added with zinc granule and acidified.
The resulting fumes were passed through SDDC-morpholine reagent.
- 4) Finely minced tissue samples, and preservative were subjected to wet digestion/protein precipitation and filtered.

ANALYSIS & IDENTIFICATION

- 1) Distillate from the sampling method 1 was analyzed for alcohols by Color tests.
- 2) Distillate from the sampling method 1 was analyzed for cyanide by Color tests.
- 3) Extract from the sampling method 2 was analyzed for Pesticides and Drugs by Color tests, Thin layer chromatography (TLC) and High Performance Thin Layer Chromatographic methods.
- 4) The reagent from the sampling method 3 was analyzed for phosphide ions by Color tests and UV-Visible Spectrophotometry.

- 5) Filtrate from the sampling method 4 was analyzed for toxic metal ions and anions by Color tests.

I found following Result of Examination

Residues of Volatile poisons, Pesticides, Barbiturates, Benzodiazepine group of drugs and toxic metal ions were not detected in all the above stated articles.

I have submitted the report through FLMS.

Now I see the Ex.P35 report before the court and identified it.

Cross examination: Sri. M.M. Counsel submits no cross examination.

Re examination Nil

(Typed in open court as per the dictation of P.O.)

R.O and F.C

IV Addl. Dist & Sessions Judge,
Tumakuru-Madhugiri.