

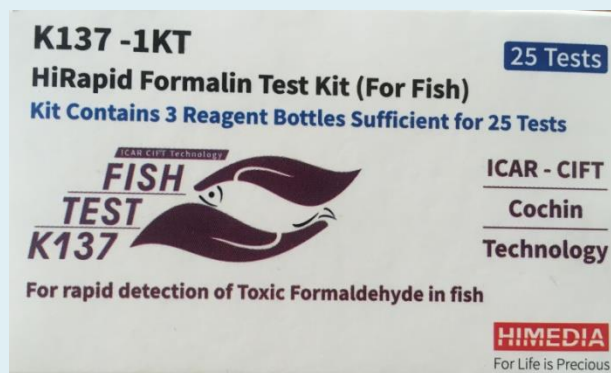
## ICAR- CIFTEQ<sup>®</sup> Ciftest for Formalin - For Rapid Detection of Formalin Adulteration In Fish

### Salient features

- Technology for rapid screening of formaldehyde adulteration in fresh fish
- Rapid, sensitive and portable technique for field level detection
- Paper strip based technology
- Screening by visual observation of color change

### Advantages

- ✓ No technical know-how to test
- ✓ Non-destructive, simple and consumer friendly method
- ✓ Food Safety and Standards Authority of India (FSSAI) approved rapid detection kit for checking adulteration of fresh fish with formaldehyde



### Process

Dr. Laly, S. J., Priya, E. R., Dr. Satyen Kumar Panda, Dr. Ashok Kumar, K., Dr. Zynudheen, A. A., Dr. Joshi, C. J., and Dr. Ravishankar, C. N.

### Technology /

### Product

### developed by

ICAR-Central Institute of Fisheries Technology(ICAR-CIFT), CIFT junction, Matsyapuri, P.O., Willingdon Island, Cochin-29

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### Year

2017-18

### Source of funding

ICAR-CIFT

### More

### information

#### Status of commercialization / Patent / Publications

M/s HIMEDIA Laboratories Pvt. Ltd., Mumbai is commercially producing CIFTTest kits under the nomenclature K137-1KT HiRapid Formalin Test Kit (For Fish) and supplying to different states

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Laly S.J, Priya.E.R, Panda, S.K and Zynudheen A. A. Formaldehyde in seafood: A review, Fishery Technology, 55 (2018) : 87 – 93

Priya E.R, Laly S.J, Panda S.K and Ashok Kumar. Rapid detection kits (CIFTTest Kits) to check adulteration of formaldehyde and ammonia in fresh fish. Fishtech reporter Vol.4 No.1 January-June 2018, pp. 31.

Priya, E.R., Laly, S.J., Panda, S.K., Ashok Kumar, K., Zynudheen, A.A and Ravishankar, C.N (2018). CIFTTest Rapid detection kit for adulterants in fresh fish (Brochures in English, Hindi& Malayalam)

**Technology transfer**

Technology transferred to M/s HIMEDIA Laboratories Pvt. Ltd., Mumbai