Product Information

Product Name
Sudan Red Rapid Detection Kit (50)

Product Overview
Sudan Red Rapid Detection Kit (50) is designed for the detection of sudan red in food.

Description
Sudan Red Rapid Detection Kit (50) is suitable for on-site qualitative detection of non-edible pigment Sudan Red (I~IV) in foods such as chili powder, chili sauce, and hamburger.

Scientific Background
Sudan Red is a synthetic azo and oil-soluble chemical dye, which is a lipophilic azo compound, mainly including four types I, II, III and IV. Sudan red is widely used in the fields of biology, chemistry, etc. It is mainly used in industrial products such as engine oil, automobile wax and shoe polish, and can also be used for fireworks coloring. Because of its bright dyeing, it has been used in food processing by some unscrupulous merchants in order to improve the color of the product or maintain the original color, improve the sensory traits of food and enhance people's appetite. Because Sudan red is carcinogenic and has obvious toxic effects on human liver and kidney organs, the International Agency for Research on Cancer (IARC) classifies Sudan Red as the third carcinogen.

Detection method
Rapid Detection

Sample Type
Food

Storage
Store at room temperature.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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