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# SOP: Demonstrating the flame test using a PET bottle

Posted by sat on Fri, 2016-07-15 21:30

This downloadable ASSIST Standard Operating Procedure (SOP) is for the setting up and demonstration of the flame test using a PET bottle as a demonstration rig.

This is a safe, simple and effective method to demonstrate the specific emission spectrum of a variety of cations.

The external link for this resource is to a video demonstrating the proper procedure for the activity.

The accompanying example risk assessment should be used as a guide only, and users should consider risks and safety measures in their local environment before proceeding.

#### Tags:

flame test

flame colour

chemical

metal ions

#### File:

SOP: Demonstrating the flame test using a PET bottle

Example risk assessment

Customisable risk assessment

#### **External Link:**

Demonstrating the flame test using a PET bottle video

### Source Category:

**ASSIST** 

Demonstrating the flame test using a PET bottle



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Emission spectroscopy

 $\textbf{Source URL:} \underline{https://assist.asta.edu.au/resource/3950/sop-demonstrating-flame-test-using-pet-bottle?page=11}$