

## **Evaluation report on the Isolated Chicken Eye Test (ICR) for alternative to eye irritation test**

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### **Abstract**

In 2013, the OECD determined that the Isolated Chicken Eye (ICE) test was useful not only in a top-down approach to identify chemicals inducing serious eye damage (Category 1) as defined by United Nations (UN) Globally Harmonized System of Classification and Labeling of Chemicals (GHS) but also in a bottom-up approach to identify chemicals not classified for eye irritation or serious eye damage (No Category) as defined by UN GHS and adopted the revisions to Test Guideline (TG) No. 438.

Having reviewed the validity of this revised TG No. 438, the Japanese Center for the Validation of Alternative Methods (JaCVAM) Editorial Committee found the ICE test to be useful not only in a top-down approach to identify GHS Category 1 chemicals but also in a bottom-up approach to identify GHS No Category chemicals as well based on its accuracy and reproducibility. We also found that, in either approach, there is no need to place any limitations on the applicability domain.