

Understanding Potency

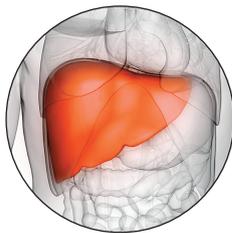
An EDC does not have a single potency, so it should not be used for regulatory decisions.

The BPA Example

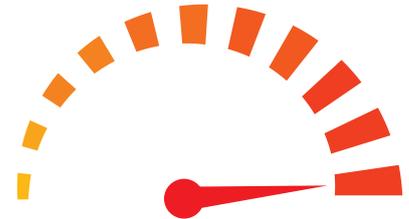


BPA has LOW potency

when measured in the liver and uterus

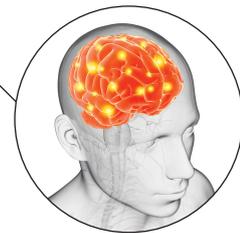


Assessing the liver and uterus using standard regulatory tests reveals only small changes in weight of those organs.

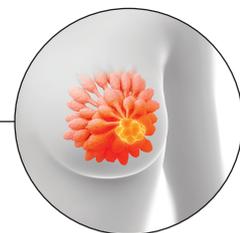


BPA has HIGH potency

when measured in the brain and breast



Assessing the structure and function of the brain and breast reveals effects that can lead to breast cancer and harmful changes in IQ, learning, memory and behavior.



An EDC's potency depends on which organs you measure and how.

As measured in laboratory experiments