

PHARMACEUTICALS VETERINARY MEDICINES MEDICAL DEVICES

ToxMinds has been involved for many years in helping clients from the pharmaceutical industry to establish safe exposure levels for residues or impurities in their medicinal products.

Such residues, actives or non-actives, may be present unintentionally due to the manufacturing process, drug delivery system or packaging, or through cross-contamination in shared manufacturing facilities.

Our team can help to ensure that levels of impurities are safe prior to release to the market and in compliance with current standards and guidelines.



Our **services** for the **pharmaceutical, veterinary medicines** or **medical device sector** include:

- QSAR modelling using ICH recommended tools
- Derivation of occupational exposure limits (OEL) and permissible daily exposure (PDE) levels of actives through cross-contamination in shared facilities
- Establishment of safe exposure or maximum residue levels of:
 - Excipients
 - Manufacturing impurities
 - Extractables & Leachables
 - Other types of contaminant
- Environmental risk assessment of actives and excipients
- EU chemical regulatory support as applicable to Pharma sector (e.g., REACH, CLP)