

# JRC Dataset

## EURL ECVAM Fish In Vitro Intrinsic Clearance Database

### Description:

The Fish In Vitro Intrinsic Clearance database is an Excel™ workbook and includes fish in vitro intrinsic clearance rates derived with in-vitro methods using fish S9 fraction, hepatocytes, or microsomes. There are approximately 960 entries for 232 unique chemicals. The database has been compiled by ARC Arnot Research and Consulting Inc (Toronto, Canada) for EURL ECVAM (Joint Research Centre, F.3; contract number: CCR.F.C931336.X0) applying quality criteria as outlined in the spreadsheets. The EURL ECVAM Fish In Vitro Intrinsic Clearance database supports the two OECD test guidelines using cryopreserved hepatocytes (OECD TG 319A; <https://doi.org/10.1787/9789264303218-en>) or S9 fractions (OECD TG 319B; <https://doi.org/10.1787/9789264303232-en>) from rainbow trouts to determine in vitro intrinsic clearance. The test guidelines are accompanied by a guidance document (OECD GD 280; <http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=ENV%2FJM%2FMONO%282018%2912&doclanguage=en>).

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### Keywords:

fish, in vitro intrinsic clearance

### Related resources:

#### Data access

EURL ECVAM Fish In Vitro Intrinsic Clearance Database

Excel workbook: EURL\_ECVAM\_Fish\_InVitro\_Intrinsic\_Clearance\_DB.xlsx

[http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/EURL-ECVAM/datasets/FishInVitroBioTrans/EURL\\_ECVAM\\_Fish\\_InVitro\\_Intrinsic\\_Clearance\\_DB.xlsx](http://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/EURL-ECVAM/datasets/FishInVitroBioTrans/EURL_ECVAM_Fish_InVitro_Intrinsic_Clearance_DB.xlsx)

#### Publications

Reliability of In Vitro Methods Used to Measure Intrinsic Clearance of Hydrophobic Organic Chemicals by Rainbow Trout: Results of an International Ring Trial

DOI:[10.1093/toxsci/kfy113](https://doi.org/10.1093/toxsci/kfy113)

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