



LABORATORY

GLOSSARY OF DIOXIN TERMS

SGS Dioxin Group has listed a number of dioxin terms which are commonly used in our services.

EDL

Estimated Detection Limit

EMPC

Estimated Maximum Possible Concentration.

OPR

Ongoing Precision and Recovery Sample. A spiked blank used to monitor laboratory performance.

PCDD

Polychlorinated dibenzo-p-dioxins: refers to the methods' full dioxin analyte list.

PCDF

Polychlorinated dibenzo-p-furans: refers to the methods' full furan analyte list.

PPT

Parts-per-trillion. (ng/L; pg/g)

TCDD

Tetrachlorinated dibenzo-p-dioxins. Sometimes refers only to 2,3,7,8-TCDD.

TEF

Toxic Equivalency Factor. Values assigned to each 2,3,7,8-substituted dioxin and furan to approximate their toxicity in relation to 2,3,7,8-TCDD. (Some PCB congeners also have TEFs associated with them.)

TEQ

Toxic Equivalency Quotient. The total of each 2,3,7,8-substituted dioxin and furan multiplied by its corresponding TEF. The TEQ is used to assess a sample's toxicity by expressing the results of all dioxins and furans detected as 2,3,7,8-TCDD

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