

Deriving a health-based guidance value for antimony to support development of UK Drinking Water Standards – further information

List of abbreviations and their full meanings

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AST Aspartate Aminotransferase

ATSDR Agency for Toxic Substances and Disease Registry

bw Body Weight

CAS Chemical Abstracts Service

COT Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment

GSH Glutathione

HBGV Health-based guidance value

ICP-
MS Inductively Coupled Plasma – Mass Spectrometry

i.m. Intramuscular

i.p. Intraperitoneal

i.v. Intravenous

LOAEL Lowest Observed Adverse Effect Level - the lowest dose in a study at which adverse effect(s) are observed.

MA Meglumine Antimoniate

mg Milligram

µg Microgram

MRL Minimal Risk Level - an estimate of the daily human exposure to a substance that is likely to be without appreciable risk of adverse non-cancer health effects over a specified duration of exposure.

NOAEL No Observed Adverse Effect Level - the highest administered dose at which no adverse effect has been observed.

NTP National Toxicology Program

ppm Parts per million

PVA Pentavalent Antimony

Sb Antimony

SSG Sodium Stibogluconate

Tolerable Daily Intake - an estimate of the amount of a contaminant,

TDI expressed on a body weight basis (e.g., mg/kg body weight) that can be ingested over a lifetime without appreciable health risk.

WHO World Health Organization