EFSA Draft opinion on Δ^8 -THC – Derivation of a Health Based Guidance Value Δ^8 -THC

List of Abbreviations

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Abbreviation Definition

ACMD Advisory Council on the Misuse of Drugs

ADME Absorption, distribution, metabolism, and excretion

ARfD Acute reference dose

AUC Area under the curve

CBD Cannabidiol

CBN Cannabinol

CME crude marihuana extract

CNS Central nervous system

CONTAM The Panel on Contaminants in the Food Chain

CYP Cytochrome

DHT Dihydrotestosterone

EC European commission

ED50 Effective dose 50%

EFSA European food safety authority

FDA USA Food and drug administration

FEEDAP EFSA's Panel on Additives and Products or Substances used in

Animal Feed

FSH Follicle-stimulating hormone

GC Gas chromatography

GRAS Generally Recognised as Safe

HBGV Health-based guidance value

HEK Human Embryonic Kidney

i.p. Intraperitoneal

LB Lower bound

LC-MS/MS Liquid chromatography/mass spectrometry

LD50 Lethal dose 50%

LH Luteinising hormone

LOAEL Lowest observed adverse effect level

LOD Limit of detection

LOQ Limit of quantification

NOAEL No observed adverse effect level

PMTDI Provisional Maximum Tolerable Daily Intake

QSAR Quantitative structure–activity relationship

SD Significant difference

THC Tetrahydrocannabinol

UB Upper bound

UF Uncertainty factor

THCA Tetrahydrocannabinolic acid