

Annex A - Discussion paper on novel formulations of supplement compounds designed to increase oral bioavailability

Abbreviations

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ASA Advertising Standards Authority

AUC_{0-n} Integrated area under the time-concentration curve following administration of a compound from 0 to n hours.

BCM-95	Curcumin formulation composed of 95% standardised curcuminoids and turmeric essential oils.
BDMC	Bisdemethoxycurcumin
BMI	Body mass index
CBD	Cannabidiol
Cmax	Highest plasma concentration achieved following administration of a compound.
COT	The Committee on Toxicity of Chemicals in Food, Consumer Products, and the Environment
DAGs	Diacylglycerols
DMC	Demethoxycurcumin
FFA	Free fatty acids
GIT	Gastrointestinal tract
GRAS	Generally recognised as safe.
HBGV	Health-based guidance value
LCFA	Long chain fatty acids
MAGs	Monoacylglycerols
MCT	Medium chain triglycerides

MTHF	Methyltetrahydrofolate
NAD+	Nicotinamide adenine dinucleotide
NIH	National Institutes of Health
NLC	Nanostructured lipid carriers
NMN	Nicotinamide mononucleotide
PDI -	Polydispersity index
SE(M/N)DDS	Self-emulsifying (micro/nano) drug delivery system
SLCP	Solid lipid curcumin particles
SLN	Solid lipid nanoparticles
THC	Tetrahydrocurcumin (c.f. the cannabinoid tetrahydrocannabinol 'THC', is not discussed in this paper)
Tmax	Timepoint following administration of a compound at which highest plasma concentration is achieved.