



DRAFT MANDATE ON THE RISKS FOR PUBLIC HEALTH RELATED TO THE PRESENCE OF PERCHLORATE IN FOOD

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(PER)CHLORATE IN FOOD: BACKGROUND

❖ 2014 EFSA Opinion on perchlorate

- TDI of 0.3 $\mu\text{g}/\text{kg}$ body weight (b.w.) per day
- Establishment of an acute reference dose for perchlorate is not warranted.

❖ 2015 EFSA Opinion on chlorate

- TDI of 3 μg chlorate/kg b.w. per day
- Acute reference dose (ARfD) of 36 μg chlorate/kg b.w.



(PER)CHLORATE IN FOOD: SCIENTIFIC DEVELOPMENTS & MANDATE

➤ Update of EFSA guidance on BMD modelling

- could impact perchlorate and chlorate hazard assessments (Haber et al., 2021 Tox. Letters).

➤ 2022 ANSES assessment of chronic oral toxicity reference value (TRV)

- Toxicity reference value for perchlorate different from TDI derived by 2014 EFSA opinion.

⇒ Feb 2024: Draft Mandate for EFSA to re-assess, based on these new scientific developments, the risk related to the presence of perchlorate in food, and in case of an update to assess the consequences for the opinion on chlorate in food.



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