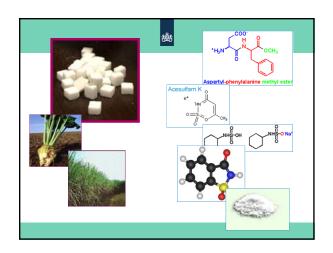
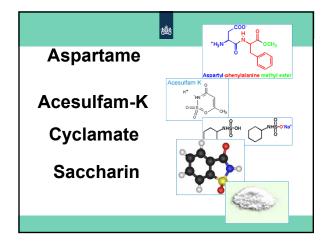


## E-numbers • Food additives that h

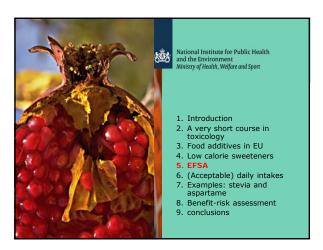
- Food additives that have been assessed for use within the European Union
- Safety assessment and approval are the responsibility of the European Food Safety Authority.
- Numbering scheme follows International Numbering System (INS) as determined by the Codex Alimentarius
- In casual language = artificial food additives, but also natural ingredients have an E number such as vitamin C (E300) or lycopene (E160d).

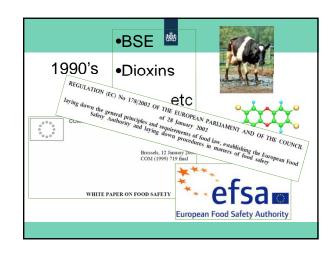




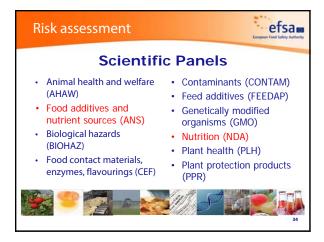




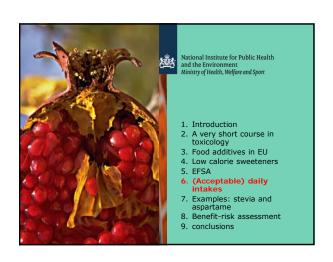










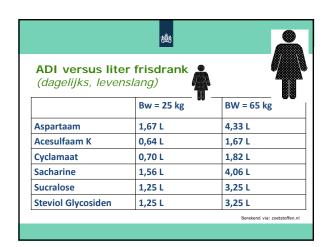


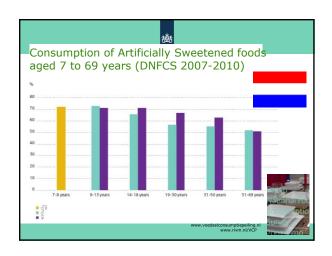
Acceptable daily intakes (ADI)=

嬔

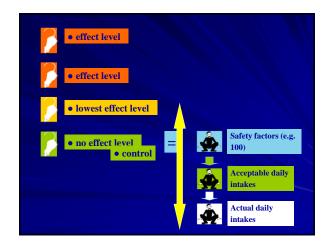
"the daily intake of a chemical, which during an entire lifetime appears to be without appreciable risk on the basis of all known facts at that time" (WHO, 1962)

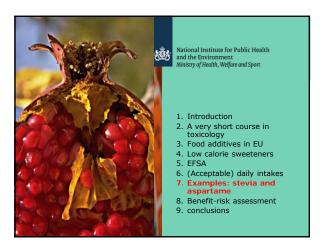
<u>&amp;</u>		
I's of some swe	eteners in El	J
Sweetener	E number	ADI (mg/kg body weight)
Aspartame	E 951	40
Acesulfame K	E 950	9
Cyclamate	E 952	7
Saccharin	E 954	5
Sucralose	E 955	15
Steviol glycosides	E 960	4

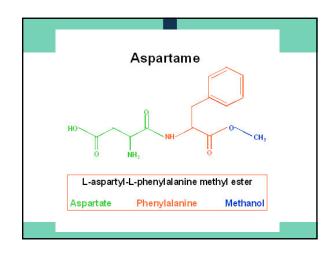






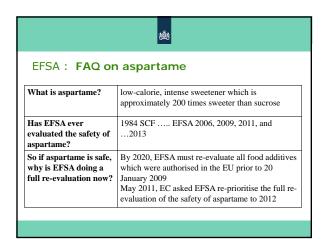


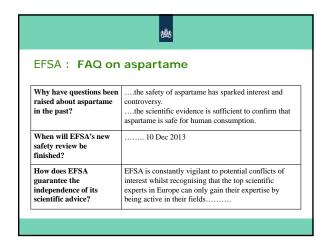








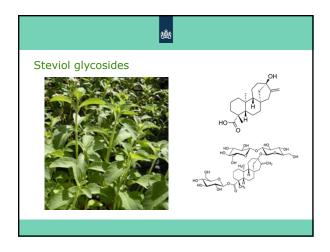












EFSA: Steviol glycosides

• Steviosides: SCF ..... 1999: ... "the substance is not acceptable as a sweetener on the presently available data"

• Stevia rebaudiana Bertoni plants and leaves: SCF ...1998 ...".... information submitted was insufficient"

• Steviol glycosides: EFSA 2010: positive opinion, EC 2011 permission

EFSA: Steviol glycosides

• .... establishes an ADI for steviol glycosides, expressed as steviol equivalents, of 4 mg/kg bw/day based on application of a 100-fold uncertainty factor to the NOAEL in the 2-year carcinogenicity study in the rat of 2.5% stevioside in the diet.

• corresponding to approximately 388 mg steviol equivalents/kg bw/day

• ......... → 4 mg/kg bw/day

