Literature Search - Review of EFSA Opinion

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This is a paper for discussion.

This does not represent the views of the Committee and should not be cited.

234. A number of studies available in the literature were assessed by the Panel in addition to the extended one-generation reproduction toxicity (EOGRT) study. No E171 studies were identified in the literature search with reliability scores of 1 or 2. No effects were reported up to a dose of 1,000 mg/kg bw per day for titanium dioxide containing a fraction of nanoparticles, the highest dose tested in the EOGRT study. Several studies using TiO2 Nanoparticles <30 nm were reported. These are detailed below and summarised in Annex B. These were

included for additional information and may be relevant with respect to whether a minimum limit for particle size should be included in the EU specifications for E 171 however EFSA considered these of limited relevance to the safety of E171.