



Brussels, **XXX**
[...](2016) **XXX** draft

ANNEX 1

ANNEX

to the

COMMISSION IMPLEMENTING DECISION

**authorising the placing on the market of trans-resveratrol as a novel food ingredient
under Regulation (EC) No 258/97 of the European Parliament and of the Council**

ANNEX

Specification of *trans*-resveratrol

Definition:

Chemical name	5-[(E)-2-(4-hydroxyphenyl)ethenyl]benzene-1,3-diol
Chemical formula	C ₁₄ H ₁₂ O ₃
Molecular weight	228.25
CAS No.	501-36-0

Description: *Trans*-resveratrol is off-white to beige crystals.

Purity:

Test	Specification
<i>Trans</i> -resveratrol	Not less than 99 %
Total by-products (related substances)	Not more than 0.5 %
Pinostilbene	Not more than 0.1 %
Pinostilbene isomers	Not more than 0.1 %
Pterostilbene	Not more than 0.1 %
2-Methylresveratrol	Not more than 0.1 %
3-Methylresveratrol	Not more than 0.1 %
5-[(1E,3E)-4-(4-hydroxyphenyl)-1,3-butadien-1-yl]-1,3-Benzenediol	Not more than 0.1 %
Any other impurity	Not more than 0.1 %
Lead	Not more than 1 ppm
Mercury	Not more than 0.1 ppm
Cadmium	Not more than 0.5 ppm
Arsenic	Not more than 1 ppm
Loss on drying	Not more than 0.5 %
Sulfated ash	Not more than 0.1 %
Diisopropylamine	Not more than 50 mg/kg

