

*Status: Point in time view as at 02/07/2020.**Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 1440 HYDROXYPROPYL STARCH. (See end of Document for details)*

ANNEX

E 1440 HYDROXYPROPYL STARCH

Synonyms	
Definition	Hydroxypropyl starch is starch etherified with propylene oxide
Einecs	
Chemical name	
Chemical formula	
Molecular weight	
Assay	
Description	White or nearly white powder or granules or (if pregelatinised) flakes, amorphous powder or coarse particles
Identification	
Microscopic observation	Passes test (if not pregelatinised)
Iodine staining	Passes test (dark blue to light red colour)
Purity	
Loss on drying	Not more than 15,0 % for cereal starch Not more than 21,0 % for potato starch Not more than 18,0 % for other starches
Hydroxypropyl groups	Not more than 7,0 % (on an anhydrous basis)
Propylene chlorohydrin	Not more than 1 mg/kg (on an anhydrous basis)
Sulphur dioxide	Not more than 50 mg/kg for modified cereal starches (on an anhydrous basis) Not more than 10 mg/kg for other modified starches, unless otherwise specified (on an anhydrous basis)
Arsenic	Not more than 1 mg/kg
Lead	Not more than 2 mg/kg (on an anhydrous basis)
Mercury	Not more than 0,1 mg/kg

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