

Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 338 PHOSPHORIC ACID. (See end of Document for details)

ANNEX

E 338 PHOSPHORIC ACID

Synonyms	Orthophosphoric acid; Monophosphoric acid
Definition	
Einecs	231-633-2
Chemical name	Phosphoric acid
Chemical formula	H ₃ PO ₄
Molecular weight	98,0
Assay	Content not less than 67,0 % and not more than 85,7 %. Phosphoric acid is commercially available as an aqueous solution at variable concentrations.
Description	Clear, colourless, viscous liquid
Identification	
Test for acid	Passes test
Test for phosphate	Passes test
Purity	
Volatile acids	Not more than 10 mg/kg (as acetic acid)
Chlorides	Not more than 200 mg/kg (expressed as chlorine)
Nitrates	Not more than 5 mg/kg (as NaNO ₃)
Sulphates	Not more than 1 500 mg/kg (as CaSO ₄)
Fluoride	Not more than 10 mg/kg (expressed as fluorine)
Arsenic	Not more than 1 mg/kg
Cadmium	Not more than 1 mg/kg
Lead	Not more than 1 mg/kg
Mercury	Not more than 1 mg/kg

Note: This specification refers to a 75 % aqueous solution

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