



TECHNICAL DATA SHEET - CONFORMATION

Caldic Product name: **PHOSPHORIC ACID 85% FG E338**

Rev. 4,0 Date: 09/06/2016

1- CHEMICAL AND PHYSICAL PROPERTIES

Chemical name: Trihydrogen phosphoric acid
Product name: Orthophosphoric acid
Molecular Formula: H₃PO₄
Molecular Weight: 98 g/mol
Appearance: clear, colourless liquid
Odor: -

2- DESCRIPTION

Phosphoric acid food grade is a colourless, odourless, transparent syrupy liquid

3- CLASSIFICATION

CAS number: 7664-38-2
EC-number: 231-633-2
REACH number: 01-2119485924-24
EEC Additive number: E338 (PHOSPHORIC ACID)
Complies with : FCC, EC 231/2012

4- SPECIFICATIONS - CONFORMATION

Assay H₃PO₄ 84,0 - 86,0% weight
P₂O₅ content 60,9 - 62,0% weight
Density at 20°C ~1,689 kg/l
Fe max. 10 mg/kg
Pb max. 1 mg/kg
As max. 0,5 mg/kg
Hg max. 1 mg/kg
Cd max. 1 mg/kg
Cl max. 10 mg/kg
SO₄ max. 350 mg/kg
F max. 10 mg/kg
Zn + Cu max. 5 mg/kg
Heavy metals max. 10 mg/kg
Volatile acids max. 10 mg/kg
Nitrates (as NaNO₃) max. 5 mg/kg

5- ADDITIONAL INFORMATION

Reach legislation: Caldic Belgium is aware of the responsibility to the REACH Legislation, we ensure that our products are in conformance to the requirements of the legislation.

The information given above is presented in good faith, but no warranty is given. In view of the great variety of possible applications, no assurance is given on suitability of the product for any particular purpose.