





## Specification

Concerning Product:	
Article number	7664382QPA
Trade name / designation / denomination	orto-PHOSPHORIC ACID 85% w/w PA
CAS number	7664-38-2
Other names / synonyms	•orthophosphoric acid; •phosphoric acid;
EC number	231-633-2 616-646-7
EC index number	015-011-00-6
Customs tariff number / CN code / TARIC	28092000
Molecular weight [g / mol]	98,00
Formula	H3PO4 H3O4P
<b>Danger</b>   1805 / 3453, 8 (Ätzende Stoffe),	
May be corrosive to metals. Causes severe skin burns and eye damage. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: IF IN EYES: IF exposed or if you feel unwell: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	

Parameter	Specification	Unit
<b>Identity</b>		
Assay	84,0 – 85,7	%
<b>Impurities</b>		
Nitrates	≤ 0,0005	%
Sulphates (SO <sub>4</sub> )	≤ 0,15	%
Volatile substances	≤ 0,001	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 0,0001	%
Cadmium (Cd)	≤ 0,0001	%
Chlorides (Cl)	≤ 0,02	%
Fluorine (F)	≤ 0,001	%
Mercury (Hg)	≤ 0,0001	%
Lead (Pb)	≤ 0,0001	%

**Supplemental information:**

**Shelf life:** 60 month

**Complies with monographie:** E-338

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Nov. 2021

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