

**PRODUCT CODE: 201965****Sodium di-Hydrogen Phosphate 1-hydrate (E-339i, F.C.C.) food grade**



M.= 137,99

CAS [10049-21-5]

EINECS 231-449-2

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SYNONYMS: Sodium Phosphate , primary, Sodium Phosphate Acid, Sodium Phosphate mono-Basic**PHYSICAL DATA:** crystals, White, Soluble in water 1.103 g/l at 20 °C Thermal decom. ~ 100 °C • D 2,04 • pH4,3 - 4,5 •**BIBLIOGRAPHY:** Merck Index **13**, 8.734 Safety **2** , **3152 C** • Römp **8** , **2743** • Fieser **1395** • ACS **XI** • BP.**2018** • USP **41** • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: WA 1900000 • LD50 oral rat 8.290 mg/kg •**SPECIFICATIONS:**

Assay (NaH ₂ PO ₄) after drying	98,0-103,0%
Identity :	
Identity (Sodium)	passes test
Identity (Phosphate)	passes test
pH of 1% solution	4,1-5,0
Appearance	passes test
Insoluble substances a.a.s., not more than	0,2 %
Loss on drying	10,0-15,0 %
P ₂ O ₅ content (a.a.s.)	58,0 - 60,0 %
Fluoride, not more than	10 ppm
Arsenic (as As), not more than	1 ppm

Cadmium, not more than
Mercury (Hg), not more than
Lead, not more than

1 ppm
1 ppm
1 ppm

Specifications Regulation (UE) nº 231/2012, F.C.C. 11, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C.

Ed.: 9 . Vig.: 29.11.2012 .

Prod.: 201965