



Specification

| Concerning Product: | |
|---|---|
| Article number | 927208MI |
| Trade name / designation / denomination | Magnesiumglycerophosphat, standard Food (nicht für infant Food) Halal, Kosh |
| CAS number | 927-20-8 |
| Other names / synonyms | •Magnesium Glycerophosphate 50% solution; •magnesium glycerophosphate; |
| EC number | 213-149-3 |
| Customs tariff number / CN code / TARIC | 29199000 |
| Formula | $C_3H_7MgO_6P \cdot x H_2O$ |

| Parameter | Specification | Unit |
|-----------------------------|---------------------------------------|-------|
| Organoleptic test | | |
| Colour | white | |
| Odour | odourless | |
| Physical parameter | | |
| Acidity/Alkalinity | (0,1 N HCl / 0,1 N NaOH): $\leq 2,0$ | ml |
| Form | amorph powder | |
| Solubility | complies | |
| Identity | | |
| Assay | Glycerophosphat (0,5 N HCl): ≥ 8 | ml |
| Assay | Mg: 11,0 – 12,5 | % |
| Identification | complies | |
| Impurities | | |
| citrate | complies | |
| Residue on ignition | 47,0 – 52,0 | % |
| Soluble part | in Alcohol (Glycerol): $\leq 2,0$ | % |
| Elemental Impurities | | |
| Arsenic (As) | ≤ 3 | ppm |
| Cadmium (Cd) | ≤ 1 | ppm |
| Mercury (Hg) | $\leq 0,1$ | ppm |
| Lead (Pb) | ≤ 3 | ppm |
| Microbiological data | | |
| Escherichia Coli. | neg. in 1 g | |
| Salmonella | neg. in 25 g | |
| Staphylococcus Aureus | neg. in 1 g | |
| Total Plate Count | ≤ 10000 | CFU/g |
| Yeast and Mould | ≤ 1000 | CFU/g |

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 24. Jan. 2023

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