



Spezifikation

| Produktbezug: | |
|------------------------------------|--|
| Produktnummer | 10028247LP |
| Handelsname / Bezeichnung | Disodium phosphate 2-hydrate |
| CAS Nummer | 10028-24-7 |
| Andere Bezeichnungen / Synonyme | •Dinatriumphosphat; •Natriumhydrogenphosphat; •Phosphoric acid, disodium salt, dihydrate; •Sodium phosphate dibasic dihydrate; |
| EG Nummer | 231-448-7 |
| Molekulargewicht [g/mol] | 177.989 |
| Formel | Na ₂ HPO ₄ +2 H ₂ O |

| Parameter | Methode | Spezifikation | Einheit |
|------------------------------------|--------------------|-------------------|---------|
| Sensorische Prüfung | | | |
| Aussehen der Lösung | 5% | entspricht | |
| Aussehen | | Pulver | |
| Farbe | | weiß | |
| Physikalische Parameter | | | |
| Trocknungsverlust | | 130°C 19,5 – 21,0 | % |
| Reduzierende Substanzen | | entspricht | |
| Identifikation | | | |
| Gehalt | getrocknete basis | 98,0 – 101,0 | % |
| Gehalt | Monosodumphosphate | ≤ 0,025 | |
| Identifizierung | | entspricht | |
| Verunreinigungen | | | |
| Schwermetalle (als Pb) | | ≤ 0,002 | % |
| Sulphat (SO ₄) | | ≤ 0,1 | % |
| Elementare Verunreinigungen | | | |
| Arsen (As) | | ≤ 0.0004 | % |
| Chloride (Cl) | | ≤ 0,04 | % |
| Eisen (Fe) | | ≤ 0,004 | % |
| Mikrobiologische Daten | | | |
| Aerobe Mikroorganismen | | (TAMC): ≤ 2000 | CFU/g |
| Schimmel und Hefe | | (TYMC): ≤ 200 | CFU/g |
| Partikelgrößenverteilung | | | |
| Partikel | | 99% ≤ 1,0 | mm |

Zusätzliche Angaben:

Entspricht der Monographie: Ph.Eur. 10

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Nov. 2021

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