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 Konto: 4784 3228110833
 PBS-nr.: 0007 6228
 SWIFT: DABADKKKTHI
 SE/VAT nr.: DK69904017

Datablad: Natriumhexametafosfat

Description

| | | | |
|-----------------------------------|---|-----------------------------|--|
| Synonym | SODIUM HEXAMETAPHOSPHATE FOOD GRADE | | |
| Chemical formula | $(\text{NaPO}_3)_n \cdot \text{Na}_2\text{O}$ | | |
| Molecular weight | $(102)_n + 62$ | | |
| International codification | CAS N°: 68915-31-1 | EINECS N°: 272-808-3 | |
| | E N°: 452 | Customs duty n°: 2835 39 00 | |

Product characteristics

| Appearance | Very hygroscopic white powder without foreign matters, risks of caking. | | | |
|-------------------------------------|---|-------------------------|----------------------|----------------|
| Chemical properties | Unit | Typical analysis | Specification | Method |
| Total P ₂ O ₅ | % | 68,7 | 67,5 – 69,0 | ROC 471 ME 026 |
| pH (1 %) | | 6,5 | 6,4 – 7,2 | ROC 471 ME 019 |
| Chain length | | 18,2 | 16,0 – 24,0 | ROC 471 ME 037 |
| Assay | % | 99,6 | 97,0 min. | ROC 471 ME 035 |
| Insoluble matters | % | < 0,05 | 0,10 max. | ROC 471 ME 018 |
| Loss on ignition (550° C) | % | 0,7 | 1,0 max. | ROC 471 ME 021 |
| <u>Impurities content:</u> | | | | |
| Fe | ppm | 17,3 | 80,0 max. | ROC 471 ME 055 |
| Pb | ppm | < 2,0 | 2,0 max. | ROC 471 ME 046 |
| As | ppm | < 3,0 | 3,0 max. | ROC 471 ME 047 |
| F | ppm | < 10,0 | 10,0 max. | ROC 471 ME 040 |
| Cd | ppm | < 1,0 | 1,0 max. | ROC 471 ME 046 |
| Hg | ppm | < 1,0 | 1,0 max. | ROC 471 ME 049 |
| Heavy metals (as Pb) | ppm | < 10,0 | 10,0 max. | ROC 471 ME 056 |