



## Specification

| Concerning Product:                     |                                                                                        |
|-----------------------------------------|----------------------------------------------------------------------------------------|
| Article number                          | 58560AC                                                                                |
| Trade name / designation / denomination | Vitamin B6 HCl                                                                         |
| CAS number                              | 58-56-0                                                                                |
| Other names / synonyms                  | •4,5-bis(hydroxymethyl)-2-methyl-3-pyridinol hydrochloride; •pyridoxine hydrochloride; |
| EC number                               | 200-386-2                                                                              |
| Customs tariff number / CN code / TARIC | 29362500                                                                               |
| Molecular weight [g / mol]              | 205.63878                                                                              |
| Formula                                 | C <sub>8</sub> H <sub>12</sub> ClNO <sub>3</sub>                                       |

| Parameter                        | Specification                        | Unit  |
|----------------------------------|--------------------------------------|-------|
| Organoleptic test                |                                      |       |
| Appearance                       | Crystalline Powder                   |       |
| Colour                           | white                                |       |
| Physical parameter               |                                      |       |
| Loss on drying                   | ≤ 0,5                                | %     |
| Identity                         |                                      |       |
| Assay                            | 98,0 – 101,0                         | %     |
| Infrared absorbtion spectrometry | Match with the Reference IR Spectrum |       |
| Impurities                       |                                      |       |
| Residue on ignition              | ≤ 0,1                                | %     |
| Elemental Impurities             |                                      |       |
| Arsenic (As)                     | ≤ 2,0                                | mg/kg |

### Supplemental information:

**Shelf life:** 24 month

**Storage conditions:** Store in a cool, dry and well closed place.

**Packing:** 25 kg Carton

**Regional origin:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Sep. 2022

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