

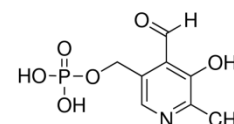


# Product Specification

cdhfinechemical.com

## PYRIDOXAL-5-PHOSPHATE FOR BIOCHEMISTRY

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>199425</b>  |
| <b>SYNONYMS</b>                    | --   |
| <b>C.I. NO.</b>                    | --   |
| <b>CASR NO.</b>                    | <b>41468-25-1</b>  |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>C<sub>8</sub>H<sub>10</sub>NO<sub>6</sub>P.H<sub>2</sub>O</b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>265.16</b>  |
| <b>PROPERTIES</b>                  | --   |



| <b>PARAMETER</b> | <b>LIMIT</b>                                   |
|------------------|--|
| Description      | Off white to yellow to tan crystalline powder. |
| Solubility       | Soluble in water.                              |
| Minimum assay    | 99.0%  |
| Melting point    | 140-143 °C                                     |

### MAXIMUM LIMIT OF IMPURITIES

|   |         |
|---|---------|
| Chloride (Cl)                             | 0.05%   |
| Sulphate (SO <sub>4</sub> <sup>2-</sup> ) | 0.005%  |
| Calcium (Ca)                              | 0.002%  |
| Cadmium (Cd)                              | 0.0005% |
| Cobalt (Co)                               | 0.0005% |
| Chromium (Cr)                             | 0.0005% |
| Cuprous (Cu)                              | 0.0005% |
| Iron (Fe)                                 | 0.005%  |
| Potassium (K)                             | 0.005%  |
| Magnesium (Mg)                            | 0.0005% |
| Manganese (Mn)                            | 0.0005% |
| Sodium (Na)                               | 0.2%    |
| Nickle (Ni)                               | 0.0005% |
| Lead (Pb)                                 | 0.0005% |
| Zinc (Zn)                                 | 0.0005% |

**Note(s) : Assay (if applicable) method mentioned.**

### WARNING

**Hazard statements:** Not hazardous. No hazards.

**Precautionary statements:**

**Prevention:** -----

**Response:**-----

**Disposal:**-----

**Hazard Pictogram(s) :**

IMDG Code : --

UN No. : --

IATA : --

Replace date 27-May-2023