## **Chem-Impex International, Inc.**

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## Certificate of Analysis

| Catalogue Number                          | 00257   |
|---|---|
| Product                                   | Pyridoxal-5-phosphate                             |
| Lot Number                                | 000531-082  |
|   | Codecarboxylase                                   |
| CAS Number                                | 41468-25-1  |
| Molecular Formula                         | $C_8H_{10}NO_6P$                                  |
| Molecular Weight                          | 247.1   |
| Appearance                                | Pale yellowish white crystalline powder           |
| Appearance of Solution                    | Clear, light yellow to yellow (Alkaline solution) |
| Heavy Metals                              | < 10 ppm  |
| Arsenic (As <sub>2</sub> O <sub>2</sub> ) | < 2 ppm   |
| рН  | 3.3   |
| Loss on Drying                            | 0.12%   |
| Assay (anhydrous basis)                   | 98.7%   |

| Loss on Drying          | 0.12%                         |
|-------------------------|-------------------------------|
| Assay (anhydrous basis) | 98.7%                         |
| Grade                   | Meets JP specifications       |
| Storage                 | Store at 0 - 8 °C             |
| Additional Information  | Free Phosphoric Acid : < 0.5% |
|                         |                               |

Remarks

See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

likumer.

Bala Kumar Quality Control Manager