

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 00461
Lot Number 002129-20150923
Product **Thiamine pyrophosphate**

Thiamine pyrophosphate chloride

Coccarboxylase

CAS Number 154-87-0
Molecular Formula C₁₂H₁₉ClN₄O₇P₂S
Molecular Weight 460.77

Appearance White powder
Heavy Metals < 20 ppm
Anion Chloride (Cl): 7.60%
Cation Cadmium (Cd): Not detected
Lead (Pb): 1 ppm
Mercury (Hg): Not detected
Arsenic (As): 1 ppm
pH 1.2% (10% in Water)
Infrared Spectrum Conforms to structure
Loss on Drying 1.2% (130 °C)
Residual Solvents 0.22%
Related Substances 1.7%
Purity by HPLC 98.6% (Anhydrous basis)
Storage Store at 0-8 °C
Additional Information Thiamin hydrochloride: 0.2%
Thiamin monophosphoric acid ester chloride: 1.1%
A single unknown impurity: 0.06%

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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



Bala Kumar
Quality Control Manager