

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	36985
Lot Number	002120-20-02-014
Product	S-Benzoylthiamine O-monophosphate Benfotiamine
CAS Number	22457-89-2
Molecular Formula	C ₁₉ H ₂₃ N ₄ O ₆ PS
Molecular Weight	466.45

Appearance	White crystalline powder
Clarity & Color	Clear and colorless to faint yellow solution (50 mg/mL solution, pyridine:water, 1:1)
Heavy Metals	< 20 ppm
Anion	Chloride : < 0.05% Sulfate : < 100 ppm
Infrared Spectrum	Conforms to structure
Loss on Drying	< 1.5% (80 °C, 3h)
Related Substances	Benzoic acid : < 1% Thiamine : < 0.5% Total impurities : 0.0%
Purity by HPLC	99.43%
Storage	Store at 2 - 8 °C
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