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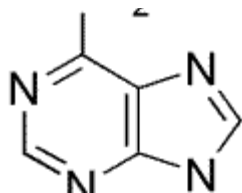
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 30777

Product

Adenine, low endotoxin ≤0.2 EU/mg

6-Aminopurine

Vitamin B₄

CAS Number 73-24-5

Molecular Formula C₅H₅N₅

Molecular Weight 135.13

Appearance White or almost white powder

Appearance of Solution Clear and colorless solution (C=1% in 7% HCl)

Melting Point 237 - 241 °C

Heavy Metals ≤ 10 ppm (as Pb)

Anion Chlorides : ≤ 100 ppm

Sulphates : ≤ 300 ppm

Cation Ammonia : ≤ 10 ppm

Acidity & Alkalinity To pass test

Yeast and Mold ≤ 10 cfu/g

Infrared Spectrum Conforms to structure

Loss on Drying ≤ 0.5% (105 °C)

Bacterial Endotoxins ≤ 0.2 EU/mg (LAL test)

E. Coli Negative (1 g)

Microbial Count ≤ 10 cfu/g (TAMC)

Pseudomonas Aeruginosa Negative (1 g)

Salmonella Negative (10 g)

Staphylococcus Aureus Negative (1 g)

Related Substances ≤ 0.5% (TLC)

Product Specifications

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Assay by titration	98.5 - 101.0%
Purity by TLC	To pass test
Grade	USP/EP, Grade 1, suitable for cell culture
Storage	Store at 2 - 8 °C

For Laboratory Use Only