

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38092
Product	Nifedipine
Lot Number	003296-2101007
	1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic
CAS Number	21829-25-4
Molecular Formula	C ₁₇ H ₁₈ N ₂ O ₆
Molecular Weight	346.34

Appearance	Yellow crystalline powder
Odor	Odorless
Heavy Metals	< 10 ppm
Anion	Chloride (Cl) : 0.02% Sulfate (SO ₄) : 0.05%
Stability	Unstable when met light.
Mould and Yeast	< 10 cfu/g
Infrared Spectrum	Conforms to structure
Loss on Drying	0.1%
E. Coli	Not detected
Microbial Count	15 cfu/g (TABC)
Related Substances	Impurity a : 0.01% Impurity b : 0.006%
Residue On Ignition	0.05%
Titration	Perchloric acid : < 0.12 mL
Assay	99.7% (Dried basis)
Grade	USP
Storage	Store at 2 - 8 °C
Additional Information	Identification : The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.

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Catalog Number: 38092

Lot Number: 003296-2101007

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