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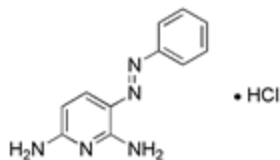
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	27519
Product	Phenazopyridine hydrochloride
	2,6-Diamino-3-(phenylazo)pyridine hydrochloride
CAS Number	136-40-3
Molecular Formula	C ₁₁ H ₁₁ N ₅ •HCl
Molecular Weight	249.7

Appearance	Dark red to violet crystalline powder
Solubility	Slightly soluble in water, alcohol and in chloroform
Melting Point	~ 235 °C
Heavy Metals	≤ 0.002%
Yeast and Mold	≤ 100 cfu/g
Infrared Spectrum	Conforms to standard
Loss on Drying	≤ 1.0% (105 °C)
Residual Solvents	Acetone: ≤ 500 ppm Isopropyl alcohol: ≤ 500 ppm n-Hexane: ≤ 100 ppm Pyridine: ≤ 100 ppm N,N-Dimethyl aniline: ≤ 20 ppm Aniline: ≤ 200 ppm Chlorobenzene: ≤ 200 ppm Benzene: ≤ 2 ppm
E. Coli	Should be absent
Pseudomonas Aeruginosa	Should be absent
Salmonella	Should be absent
Staphylococcus Aureus	Should be absent
Insoluble material	≤ 0.1% (in Water)

Product Specifications

Catalog Number: 27519

Related Substances	Impurities by HPLC: 2,6-Diaminopyridine: $\leq 0.2\%$ 3,5-Bis. Compound: $\leq 2\%$ 2,6-Diamino-5-phenyl-3-phenazopyridine: $\leq 0.2\%$ Individual unknown impurity: $\leq 0.1\%$ Total impurity: $\leq 1.0\%$
Residue On Ignition	$\leq 0.2\%$
Purity by HPLC	99.0-101.0% (Dried basis)
Purity by UV	99.0-101.0% (Dried basis)
Grade	USP
Storage	Store at 0-8 °C
Additional Information	The R_f of principal spot corresponds to that of standard. The maximum absorbance in UV at about 390 nm. HCl content: 14.2-14.6% Ordinary impurities: $\leq 2.0\%$ Particle size passes through ASTM 200 mesh: $\leq 80.0\%$ Total microbial count: ≤ 1000 cfu/g

For Laboratory Use Only