

Specification

Formula Hill: C₁₁H₁₁N₅ · HCl
Molar Mass: 249,70 g/mol
CAS N°: 136-40-3

Print Date: 26 January 2021

122160 Phenazopyridine hydrochloride USP

	Specifications
Assay (dried subs)	98,0 - 102,0 %
Identity	
- Identity A	conforms
- Identity B	conforms
- Identity C	conforms
- Identity D	conforms
Appearance	
- Light or dark red to dark violet	conforms
- Crystalline powder	conforms
Melting point	
- About 235 °C	conforms
Solubility	
- Slightly soluble in water, in alcohol	conforms
Water insoluble matter	≤ 0,1 %
Organic impurities	
- 2,6-Diamino-5-phenyl-3-phenazopyridin	≤ 0,15 %
- 2,6-Diaminopyridine	≤ 0,20 %
- Aniline	≤ 0,10 %
- Total of all impurities	≤ 2,0 %
- Unspecified impurities (each)	≤ 0,10 %
Loss on Drying	≤ 1,0 %
Residue on ignition	≤ 0,2 %

Conforms to: USP 42 specification