

Specification

Formula Hill: $C_{12}H_8N_2 \cdot HCl \cdot H_2O$
Molar Mass: 234,69 g/mol
CAS N°: 18851-33-7

Print Date: 14 January 2022

110001 1,10-Phenanthroline hydrochloride monohydrate

Specifications

Assay	≥ 99,5 %
Identity	conforms
Substances insoluble in water	conforms
Melting point	
- Aprox. 215°C, with decomposition	conforms
Solubility in water	conforms
Sensistivity test (at Iron II ions)	conforms
Suitability as indicator	conforms
Loss on drying	≤ 7,8 %
Sulfated ash	≤ 0,05 %