

Specification

Technical Data Sheet

Product Name	1,10-Phenanthroline monohydrochloride monohydrate
Product No	28352631
CAS Number	3829-86-5
Storage Temperature	Ambient
Molecular Weight	234.68

Specification

Appearance	White to pale Yellow solid
Loss on Drying	$\leq 7.8\%$
Assay(C₁₂H₈N₂·HCl·H₂O)	$\geq 99.0\%$
Iron complex molar absorption coefficient (L/cm·mol):	1.15*10000
Ignition residue	$\leq 0.05\%$
Water solubility test	Pass