

31043 1,10-Phenanthroline hydrochloride monohydrate Reag. Ph. Eur., for spectrophotometric det., 99.5-102% (calc. on dry substance) o-Phenanthroline hydrochloride monohydrate

Specyfikacja:

Property	Value
APPEARANCE (COLOR)	White to Off White
INFRARED SPECTRUM	CONFORMS TO STRUCTURE
MISCELLANEOUS TESTS	SENSITIVE ACC. FE(II) IONS
APPEARANCE (FORM)	Powder or Crystals
ARGENTOMETR. TITRATION	99.5 - 102 %
MELTING POINT	224 - 227 DEGREES (DRIED MATERIAL)
SOLUBILITY (COLOR)	Colorless to Very Faint Yellow
SOLUBILITY (TURBIDITY)	Clear
SOLUBILITY (METHOD)	1G IN 10ML WATER
LOSS ON DRYING	0 - 8.49 %
SULFATED ASH	0 - 0.05 %

Właściwości fizyczne:

Property	Value
Grade	for spectrophotometric det.
Mp	224-225 °C(lit.)
Loss	≤8% loss on drying, 105 °C
Suitability	passes test for sensitivity to Fe ²⁺
Assay	99.5-102% (calc. on dry substance)
Ign. residue	≤0.2% (as SO ₄)
Freezing point	224 - 227 °C

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	14 °C
Hazard Class	6.1
Package Group	II
UN ID	2811