

Certificate Of Analysis

Product: 1,10-PHENANTHROLINE MONOHYDRATE AR

Grade: Analytical Reagent PH.Eur

Product Code: 216120025

C.A.S: 5144-89-8

Formula: C₁₂H₈N₂.H₂O

Mass weight: 198.23 g/mol

Date Of Manufacture: 09/2013

Expiry Date: 09/2018

Batch Number: B-5144-89-8-0913-011

Analysis:

Assay %	Min 99.5
Melting point	17 - 119 °C
Molar adsorptivity of fe complex	Min 11700
Sensitivity to iron	1:10,000,000
Melting point (on dried substance)	117 - 120 °C
Sulfated ash %	Max 0.05



H304-H400-H410
P273-P264-P301-P321-P405-P501

Complies with EP standard.

The product is certified by *Biochem* Chemopharma laboratory.

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