



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	1,10-phenanthroline, monohydrate
Grade	Indicator
Product Code	PB0693
Formula	$C_{12}H_8N_2 \cdot H_2O$
MW	198.22
CAS	5144-89-8
Lot No	

Test Items	Specifications	Results
Appearance	White to pale yellow powder	
Purity	$\geq 99.0\%$	
Iron coordination compound	$\geq 1.15 \times 10^4$	
Molar absorption coefficient		
Ethanol dissolution test	Pass	
Residue on ignition	$\leq 0.1\%$	

Storage: RT

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