

Product name: **1,10-Phenanthroline monohydrate**

Synonyms: o-Phenanthroline monohydrate

CAS number: 5144-89-8

<i>General information:</i>		
	Chemical formula: C ₁₂ H ₈ N ₂ .H ₂ O	Molar Mass: 198.23 g/mol
	Appearance: White crystals	Bulk densit: 300 kg/m ³
	Solub. in water: 3.3 g/l	Melting point: 97-102 °C
	Boiling point: 409.2 °C	Flash point : -
	Storage temp.: +15°C to +25°C	Cautions: toxic, dangerous for the environment
	R: N/A	S: N/A
	HS-No.: 2933 99 80	EC index number: 613-092-00-8

Hazard Symbol



Safety Information

Grade

ACS

<i>Specification:</i>				
Assay	≥	99.0	%	
Description		Conforms		
Solubility		Conforms		
Identification (IR)		Conforms		
Melting point		97-102	°C	
Sensitivity for iron		Conforms		
Sulfated ash	≤	0.05	%	
Suitability		Conforms		

Ordering code	10 g	25 g	50 g	100 g	250g
P.E.					
Glass	638.16.00010.01		638.16.00050.01		