

Technical Data Sheet

Hemin

Compound Information

Product Name:	Hemin
CAS No.:	16009-13-5
Molecular Formula:	C ₃₄ H ₃₁ ClFeN ₄ O ₄ -
Molecular Weight:	650.94
Storage:	Store at 0 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Hemin is an iron-containing porphyrin potentially for the treatment of gastroparesis.
Form	crystal
Color	black
Cation	Iron (Fe) : ≥8.14%
Water Content (Karl Fisher)	≤ 2.0%
Purity	≥ 95% (Ferrous porphyrin)
Iron (AAS)	> 7%
Solubility	1M NaOH: 6 mg/mL (ultrasonic and adjust pH to 12 with NaOH); DMSO ≥ 6 mg/mL (Need ultrasonic and warming)
Moisture	0.01%
IR	Pass test

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