



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Eriochrome® black T

Synonym	: Solochrome black T
Molecular Formula	: $C_{20}H_{12}N_3NaO_7S$
Molecular Weight	: 461.38
CAS No.	: 1787-61-7
Colour Index No.	: 14645
Shelf Life	: 5 years

Technical Specification

Appearance	: Brownish-black to black powder
Solubility	: 20 ppm solution in water yields clear red solution
FTIR	: Matches with the standard pattern
Absorption maxima (20 ammonical buffer)	: 615 - 625 nm ppm in pH 10
Specific absorbance	: ≥ 250 (20 ppm in pH 10 ammonical buffer, at 625 nm)
Suitability as complexometric indicator	: Passes test
Loss on drying (at 105°C, 2 hr)	: $\leq 10.00\%$