

Eriochrome[®] black T, For Molecular Biology

MB339


Product Identifier

CAS No.	:	1787-61-7
EC No.	:	217-250-3
C.I. No.	:	14645
Molecular Formula	:	C ₂₀ H ₁₂ N ₃ NaO ₇ S
Molecular Weight	:	461.38
Synonym	:	Mordant black 11, Chromegen black ET
HS Code	:	3204 90 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Brownish-black to black crystals or powder or solid
Solubility	:	20 ppm in water yields clear red solution
DNases	:	None detected
RNases	:	None detected
Clarity of solution	:	Passes test
Absorption maxima	:	615 - 625 nm (20 ppm in pH 10 ammonical buffer)
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)	:	<= 10.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319- H411
Precautionary Statement(s)	:	P273- P280- P305+P351+P338- P337 + P313- P391- P501
UN No.	:	3077
Class	:	9
Packing Group	:	III
RTECS	:	Not available
WGK	:	2