

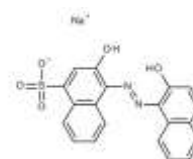


Product Specification

cdhfinechemical.com

SOLOCHROME DARK BLUE

PRODUCT CODE	319955
SYNONYMS	(Eriochrome blue black R;Mordant black 17;Palatine chrome black 6BN;Calcon (M.I.))
C.I. NO.	15705
CASR NO.	(2538-85-4)
ATOMIC OR MOLECULAR FORMULA	$C_{20}H_{13}N_2NaO_5S$
ATOMIC OR MOLECULAR WEIGHT	416.39
PROPERTIES	Metal ion indicator
PARAMETER	LIMIT
Description	Dark red/reddish purple to brown powder.
Solubility	0.1% solution in water should be clear.
Identification (By UV-VIS)	Passes test.
Dye content (Titanometry; on dried substance)	Min. 45.0%
Absorption maximum λ max (buffer pH 12.2, on dried sub.)	632 – 636 nm
Absorptivity (A1% / 1 cm at λ max. 0.0015%; buffer pH 12.2; on dried subs.)	200 - 300
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 110°C)	10.0%
Suitability as metal ion indicator.	Passes test.
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code : UN No. : IATA :
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram(s) :-	



Replaced date 26-May-2023