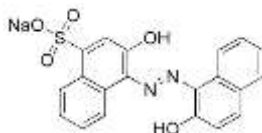


TIQ-F-QC-003

Rev.00

Technical Data Sheet**ERIOCHROME BLUE BLACK R (C.1.15705) AR**

Calcon, Solochrome Dark Blue



Product Code	T-8023	Grade	Analytical Reagent
Purity	-	CAS No	2538-85-4
Molecular Formula	C ₂₀ H ₁₃ N ₂ NaO ₅ S	Molecular Weight	416.39 g/mol
H.S.Code	2927.0090	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Colour	Dark brown
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Packaging

25 gram

Specification

Appearance	a brown - black powder
Dye content	min 70.0 %
Identity (UV/VIS-Spectrum)	passes test
Absorption maximum λ_{max} . (buffer pH 12.2)	634 - 640 nm
Spec. Absorptivity A 1%/1cm (λ_{max} ; 0.015 g/l; buffer pH 12.2; calculated on dried substance)	250 - 500
Loss on drying (110 °C)	max 10.0 %
Suitability as indicator (for metal titration)	passes test
Ethanol dissolution test	passes test

Safety Information and Hazard Symbols

NO GHS

Symbol: not applicable

Signal Word: not applicable

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: not applicable

Precaution Statement: not applicable

Labotiq