

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Eriochrome blue black R (C.1.15705) AR

Catalog Number : T-8023

Batch Number : 8023 -00000000

CAS Number : 2538-85-4

Molecular Weight : 416.39 g/mol

Mol. Formula : $C_{20}H_{13}N_2NaO_5S$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	a brown - black powder	dark brown powder
2	Dye content	min 70.0 %	71.56%
3	Identity (UV/VIS-Spectrum)	passes test	passes test
4	Absorption maximum λ_{max} . (buffer pH 12.2)	634 - 640 nm	637 nm
5	Spec. Absorptivity A 1%/1cm (λ_{max} ; 0.015 g/l; buffer pH 12.2; calculated on dried substance)	250 - 500	360
6	Loss on drying (110 °C)	max 10.0 %	1.56%
7	Suitability as indicator (for metal titration)	passes test	passes test
8	Ethanol dissolution test	passes test	passes test

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC