

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SOLOCHROME DARK BLUE
(Calcon)

CAS No : 2538-85-4
Mol. Formula : C₂₀H₁₃N₂NaO₅S
Mol. WT : 416.39
Date of Analysis : 02/08/23

Product code : 18920
Batch No. : MCR-28926
Mfd. : Aug. 2023
Exp. : July 2028

S.R	Test	Specification	Observation
1	Description	Brown to dark blackish brown powder.	Brown powder.
2	Absorption maxima $\lambda_{\max}$ (in buffer 12.2)	634 nm – 640 nm	636.6 nm
3	Specific absorptivity A1%,1cm ($\lambda_{\max}$,0.0015% ; buffer pH 12.2, calculated On dried substance)	250 - 500	415.17
4	Loss on drying at 110 ⁰ c	10.0 % max	7.97 %
5	Suitability as complexometric indicator	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Deepa)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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