

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SOLOCHROME DARK BLUE
(Calcon)

CAS No : 2538-85-4
Mol. Formula : C₂₀H₁₃N₂NaO₅S
Mol. WT : 416.39
Date of Analysis : 17/05/25

Product code : 18920
Batch No. : MCR-31136-02
Mfd. : May 2025
Exp. : April 2030

S.R	Test	Specification	Observation
1	Description	Brown to dark blackish brown powder.	Dark blackish brown powder.
2	Absorption maxima $\lambda_{\max}$ (in buffer 12.2)	634 nm – 640 nm	637.5 nm
3	Specific absorptivity A1%,1cm ($\lambda_{\max}$,0.0015% ; buffer pH 12.2, calculated On dried substance)	250 - 500	282.86
4	Loss on drying at 110 ⁰ c	10.0 % max	0.73%
5	Suitability as complexometric indicator	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Sayli)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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