



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PATTON AND REEDER'S REAGENT AR

(2-Hydroxy-1-(2-hydroxy-4-sulpho-1-naphthylazo)-3-naphthoic acid)

CAS No : 3737-95-9
Mol. Formula : $C_{21}H_{14}N_2O_7S$
Mol. WT : 438.42
Date of analysis : 17/01/21

Product code : 32040
Batch No : MCR-22717
Mfd. : Jan. 2021
Exp. : Dec. 2025

S.R	Test	Specification	Observation
1	Description	Red to dark brown or black powder.	Black powder.
2	Specific Absorptivity A 1% / 1cm λ_{max} at 555 - 575 nm in methanol pH 7.0 (on dry basis)	250 - 450	417.4
3	Sensitivity	Passes test	Passes test
4	Loss on drying at 105°C	10 % max	2.74 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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