



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	Product code:	32040
Mol. Formula	: C₂₁H₁₄N₂O₇S	Batch No	: MCR-28569
Mol. WT	: 438.42	Mfd.	: June 2023
Date of analysis	: 20/06/23	Exp.	: May 2028

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	258.40
3	Sensitivity	Passes test	Passes test
4	Loss on drying at 105°C	10 % max	2.73 %

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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