

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 : C₂₁H₁₄N₂O₇S
Mol. WT : 438.42
Date of analysis : 19/03/25

Product code : 32040
Batch No : MCR-33487
Mfd. : March 2025
Exp. : Feb. 2030

S.R	Test	Specification	Observation
1	Description	Red to dark brown or black or blackish green powder.	Blackish green powder.
2	Specific Absorptivity A 1% / 1cm λ_{max} at 555 - 575 nm in methanol pH 7.0 (on dry basis)	250 - 450	297.03
3	Sensitivity	Passes test	Passes test
4	Loss on drying at 105°C	10 % max	7.97%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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