



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-27149
Mol. WT	: 438.42	Mfd.	: Dec. 2022
Date of analysis	: 11/12/22	Exp.	: Nov. 2027

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	260.44
3	Sensitivity	Passes test	Passes test
4	Loss on drying at 105°C	10 % max	4.92 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Asmita)

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503