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Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : Alizarin Red – S
Batch No. : 227690
Date of Mfg. : June 2024
Date of Exp. : May 2029
Register No. : 2024-25
Qty of Sample : 100gm
Date of Analysis : June 2024

S.No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	Brownish yellow powder
2.	pH : 4.3	Passes	Brilliant yellow
3.	pH : 6.3	Passes	Pink
4.	pH : 9.4	Passes	Brown Orange
5.	pH : 12.0	Passes	Violet
6.	Absorptivity 1%/1cm at λ max.556.0nm (0.1N NaOH)	395	> 350
7.	Absorptivity 1%/1cm at λ max.595.0nm (0.1N NaOH)	329	> 320
8.	Loss on drying at 110°C	4.58%	< 5%

Chief Chemist