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CERTIFICATE OF ANALYSIS

Name of the Sample : Alizarin Red – S
Batch No. : 226968
Date of Mfg. : Sep 2023
Date of Exp. : Aug 2028
Register No. : 2023-24
Qty of Sample : 100gm
Date of Analysis : Sep 2023

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)	398	> 350
7.	Absorptivity 1%/1cm at λ max.595.0nm (0.1N NaOH)	331	> 320
8.	Loss on drying at 110°C	4.64%	< 5%

Chief Chemist