

CERTIFICATE OF ANALYSIS

Product Name	ALIZARIN RED S AR (SODIUM ALIZARINE SULPHONATE)		
CAS No.	130-22-3	Code No.	00101
Batch No.	CS09241642	Date of Analysis	20/09/2024
Mfg. Date	Sep-2024	Mol.Weight (g/mol)	342.30
Expiry Date	Aug-2029	Mol. Formula	C14H7NaO7S

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	Yellow coloured powder	Yellow coloured powder
2	Dye content	Min 70.0%	72.31%
3	Transition range		
3	pH 4.3-6.3	Yellow-Pink	Complies
4	pH 9.4-12.0	Brown orange-Violet	Complies
5	Solubility (0.1% in water)	Clear solution	Complies
6	Absorption maxima in 0.1 N NaOH	553-559 nm	555 nm
7	Absorption maxima in 0.1 N NaOH	592-599 nm	595 nm
8	Absorptivity (A1%/1cm at 556 nm)	Min 350.0	404.0
9	Absorptivity (A1%/1cm at 595 nm)	Min 325.0	333.0
10	Loss on drying (at 110°C)	Max 5.0%	3.64%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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