



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ALIZARINE AR

CAS No : 72-48-2
Mol. Formula : $C_{14}H_8O_4$
Mol. W : 240.22
Date of analysis : 21/05/23

Product code : 31030
Batch No : MCR-14695-02
Mfd. : May 2023
Exp. : April 2028

S. R	Test	Specification	Observation
1	Description	Orange to yellow orange or brownish orange powder.	Yellow orange powder.
2	Transition interval from pH 5 - 7.2	Yellow to reddish violet	Yellow to Reddish violet
3	Absorption maxima λ_{1max} in NaOH 0.1/mol/L	564 – 568 nm	566.2 nm
4	Absorption maxima λ_{2max} in NaOH 0.1/mol/L	605 – 609 nm	607 nm
5	Loss on drying (135 ⁰ c)	5% max	0.76%
6	Sulphated ash	1% max	0.7%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Asmita)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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