



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ALIZARINE AR

CAS No : 72-48-2
Mol. Formula : C₁₄H₈O₄
Mol. W : 240.22
Date of analysis : 09/05/23

Product code : 31030
Batch No : MCR-24096-01
Mfd. : May 2023
Exp. : April 2028

S. R	Test	Specification	Observation
1	Description	Orange to yellow orange or brownish orange powder.	Brownish 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	567.7 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	0.81%
6	Sulphated ash	1% max	0.6%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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