



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ALIZARINE AR

CAS No : 72-48-2
Mol. Formula : C₁₄H₈O₄
Mol. W : 240.22
Date of analysis : 30/08/21

Product code : 31030
Batch No : MCR-24096
Mfd. : Aug. 2021
Exp. : July 2026

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 $\lambda_{1\max}$ in NaOH 0.1/mol/L	564 – 568 nm	567.6 nm
4	Absorption maxima $\lambda_{2\max}$ in NaOH 0.1/mol/L	605 – 609 nm	608 nm
5	Loss on drying (135 ⁰ c)	5% max	0.80%
6	Sulphated ash	1% max	0.5%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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