

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ORACET BLUE 2R
(1-Amino-4-Anilinoanthraquinone)

| | | | |
|-------------------------|---|---------------------|--------------|
| CAS No | : 4395-65-7 | Product code | : 32052 |
| Mol. Formula | : C ₂₀ H ₁₄ N ₂ O ₂ | Batch No | : MCR-30728 |
| Mol. WT | : 313.34 | Mfd. | : April 2024 |
| Date of analysis | : 13/04/24 | Exp. | : March 2029 |

| S.R | Test | Specification | Observation |
|-----|--|--|--------------------|
| 1 | Description | Blue or purple or bluish violet colour powder. | Blue colour powder |
| 2 | Identity (UV / VIS-Spectrum) | Passes test | Passes test |
| 3 | Absorption maxima (acetic acid) | 630 - 680 nm | 673nm |
| 4 | Specific absorptivity A1% 1cm (λ_{max}; 0.001% acetic acid) | 450 - 650 | 639.16 |
| 5 | Loss on drying (105⁰c) | max. 1% | 0.88% |
| 6 | Suitability as indicator (For non aqueous titration) | Passes test | Passes test |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Aishwarya)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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