

CERTIFICATE OF ANALYSIS

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|--------------|---|-------------|---------------|
| Product Name | : AMMONIUM PURPURATE AR/ACS C.I.No. 56085 | Analyzed On | : 30-Sep-2021 |
| Lot No. | : B385662109 | Mol. Weight | : 284.19 |
| Mol. Formula | : C ₈ H ₈ N ₆ O ₆ | CAS No. | : 3051-09-0 |
| Code No. | : 01330 | Exp. Date | : Aug-2026 |
| Mfg. Date | : Sep-2021 | UN No. | : - |
| HAZ. / P.G. | : - | | |

| Sr. | Tests | Specifications | Results |
|-----|--|---------------------------|-----------------|
| 1 | Appearance | Dark Red to Purple Powder | Dark Red Powder |
| 2 | Identity (IR) | Conforms to structure | Complies |
| 3 | Suitability (as indicator in complexometric titration) | Passes test | Passes test |
| 4 | Absorption maxima (0.001% in water) | About 521nm | 521.0 nm |
| 5 | Specific absorptivity A1%/1cm (water; 521nm) | Min 300 | 466.60 |
| 6 | Sulphated ash | Max 1.0% | 0.85% |
| 7 | Loss on drying (at 105°C) | Max 2.0% | 0.24% |

CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.



Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com