



CERTIFICATE OF ANALYSIS

Date: 19-06-2025

| Product Name | Picloram-13C2,15N | | | | |
|--------------------------------|--|--|--------------|--|--|
| Chemical Name | 4-Amino-3,5,6-trichloropicolinic-2,6-13C2-15N acid | | | | |
| Structure | × | | | | |
| Batch. No. | - | CAS No. | 1194048-58-2 | | |
| Analysis Date | - | Retest Date | - | | |
| Mol. Formula | $C_{413}C_2H_3Cl_3N_{15}NO_2$ | Molecular Wt. | 244.4 | | |
| Long term Storage Condition | | Store at 2-8 °C in well closed container | | | |
| Handling and Transit Condition | | 25-30 °C in well closed container | | | |

| Test | Result | | | |
|---|-----------------------|--|--|--|
| Appearance | - | | | |
| Solubility | - | | | |
| 1H-NMR | Conforms to structure | | | |
| MASS | Conforms to structure | | | |
| Chromatographic Purity | >90% | | | |
| Note: This material should be used for research purpose and not for human or animal | | | | |

consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

| | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature | | | |
| Date | | | |

CLEANCHEM LABORATORIES LLP

Plot No. A-737/2, TTC Industrial Area, MIDC Khairane, Navi Mumbai, Maharashtra, INDIA- 400710 Sales@cleanchemlab.com [] +91-9324132198 () www.cleanchemlab.com