

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

ALVERINE IMPURITY 4

Identification

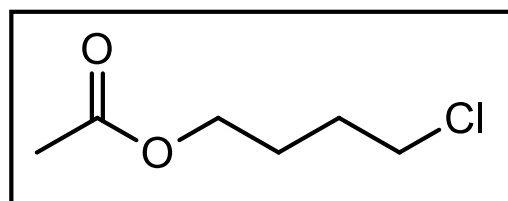
Chemical Name : 4-Chlorobutyl acetate

CAT No : ALL-ALV- 2921

CAS No : 6962-92-1

Molecular Formula : C₆H₁₁ClO₂

Molecular Weight : 150.6



Analytical Information

| | | | |
|-----------------------|----------------------|-------------------|-----------|
| Batch Code | : ALL-ALV- 2921 | HPLC Purity | : 98.50 % |
| Solubility | : MeOH: ACN | Potency | : 96.95 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 ⁰ C | IR Analysis | : Confirm |
| Water Content By TGA | : 1.161 % | ¹ HNMR | : Confirm |
| Residue Of Ignition | : 0.137 % | | |

Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.161+0.137) × 98.50]/100 = 96.95 %

Recommendation : Released

| | Department | Name | Signature |
|--------------------------|------------|--|-----------|
| Prepared and Reviewed by | Analytical | Mr. Swapnil Kausatkar Jr. Executive | |
| Approved By | QA&QC | Dr. Ashish Keche Director QA&QC | |

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office