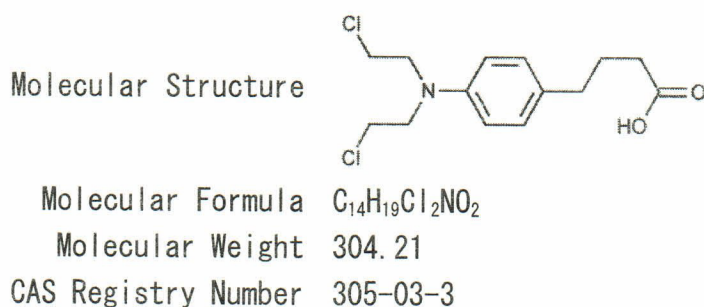


Batch no 260101  
Mf date Jan 22 2026  
Exp date Jan 21 2029



Mar 23 2026

Tests	Specifications	Results
Appearance	White or off-white crystalline powder	Conforms
Solubility	Color: Colorless to faint brown Turbidity: clear Method: 100 mg/mL in ethanol	Conforms
Identification	IR Dissolve 50mg in 5mL of acetone, and dilute with water to 10mL. Add 1 drop of 2 N sulfuric acid, then add 4 drops of silver nitrate TS: no opalescence is observed immediately (absence of chloride ion). Warm the solution on a steam bath opalescence develops (presence of ionizable chlorine)	Positive Positive
Water	≤ 0.5%	0.25%
Melting point	65 ~ 69°C	65.5 ~ 66.8°C
Related substances	Total impurities ≤ 1.0%	0.7%
Residual solvents	Ethyl acetate ≤ 5000 ppm Isopropanol ≤ 5000 ppm n-Hexane ≤ 290 ppm Toluene ≤ 890 ppm	Conforms Conforms Conforms Conforms
Particle size	40 mesh	Conforms
Assay (oab)	98.0 ~ 101.0% of $C_{14}H_{19}Cl_2NO_2$	99.5%

Caution	Great care should be taken to prevent inhaling particles of Chlorambucil and exposing the skin to it.
Packaging & storage	Preserve in tight light-resistant containers, and store at 2 ~ 8°C
Conclusion	Material complies with USP41