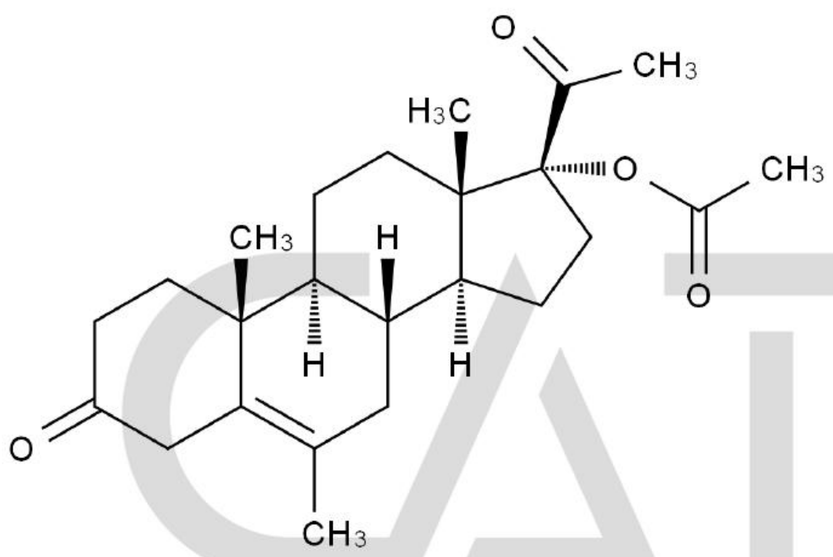
Certificate of Analysis

Reference Material & Standard

Product Name:	Megestrol Acetate EP Impurity J	**Catalogue Number:**	C4X-141410
Synonyms:	N/A	**Lot Number:**	0907-RH-0149
CAS Number:	14994-27-5	**Expiry Date:**	Aug 08, 2027
Molecular Formula:	$C_{24}H_{34}O_4$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	386.52	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.2355%
Water Content	Karl Fischer	0.00%
Residual Solvents	NMR	0.2% methanol
Assay		97.0%

CATO Research Chemicals Inc.

Comment:

1. The compound contains 1.2% Medroxyprogesterone Acetate (RT 5.82) according to its HPLC.
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%*
Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Date: Sep 10, 2026

Reviewed by: Date: Sep 10, 2026

Approved by General Manager: Date: Sep 10, 2026

CATO Research Chemicals Inc.