

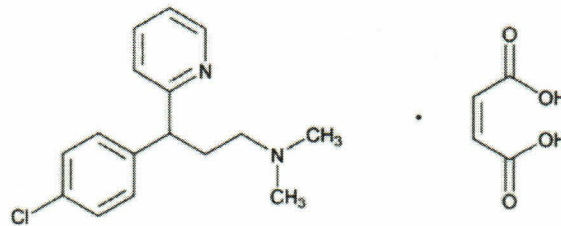


# Compounding Chlorpheniramine Maleate USP43

## Chemicals.com.au

Batch no CPM260315RE  
 Mf date Mar 15 2026  
 Retest Mar 14 2029  
 Batch size 410.724 kg

Molecular Structure



Molecular Formula C<sub>16</sub>H<sub>19</sub>ClN<sub>2</sub> · C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>

Molecular Weight 390.86

CAS Registry Number 113-92-8

Apr 16 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White crystalline powder, odorless	Conforms
Identification	IR, HPLC	Positive
Residue on ignition	≤ 0.2%	0.05%
Organic impurities	Diamine analog ≤ 0.2%	≤ 0.1%
	Chlorpheniramine related compound B ≤ 0.1%	ND
	Chlorpheniramine related compound C ≤ 0.1%	≤ 0.1%
	Chlorpheniramine nitrile ≤ 0.1%	ND
	Any other unspecified impurity ≤ 0.1%	≤ 0.1%
	Total impurities ≤ 0.5%	≤ 0.5%
Optical rotation (100 mg/mL in water at 20° )	-0.1 ~ +0.1°	+0.001°
Loss on drying (105°C 3hr)	≤ 0.5%	0.11%
Residual solvents	Toluene ≤ 0.089%	ND
	Ethanol ≤ 0.5%	0.02%
Assay (HPLC) odb	98.0 ~ 102.0%	99.7%

Packaging and storage	Preserve in tight, light-resistant containers
Conclusion	Material complies with USP43