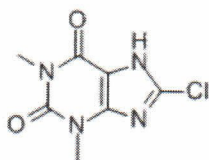
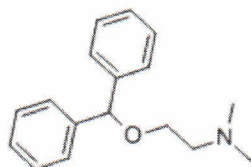


Batch no 240705-8
 Mf date Jul 07 2024
 Expiry date Jul 06 2026



Molecular Structure



Molecular Formula $C_{17}H_{21}NO \cdot C_7H_7ClN_4O_2$
 Molecular Weight 469.97
 CAS Registry Number 523-87-5

Oct 15 2024

Tests	Specifications	Results
Appearance	White or almost white crystalline powder or colorless crystals	Conforms
Solubility	Slightly soluble in water, freely soluble in ethanol 96%	Conforms
Melting point	102.0 ~ 106.0°C	104.5°C
Identification	Test B, C	Positive
Related substances	Impurity A ≤ 0.2%	ND
	Impurity F ≤ 0.2%	BDL
	Impurity E ≤ 0.15%	BDL
	Any individual impurity ≤ 0.1%	BDL
	Total impurities ≤ 0.5%	BDL
pH	7.1 ~ 7.6	7.33
Loss on drying	≤ 0.5%	0.25%
Sulfate ash	≤ 0.2%	0.09%
Assay (odb)	Diphenhydramine: 53.0 ~ 55.5%	54.35%
	8-Chlorotheophylline: 44.0 ~ 46.5%	45.26%

Packaging & storage	Preserve in tight containers and store in a dry place
Conclusion	Material complies with BP2018