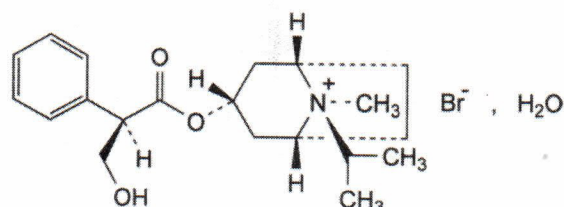


Batch no 240910
Mf date Sep 10 2024
Retest Aug 2027

Molecular Structure



Molecular Formula $C_{20}H_{30}BrNO_3 \cdot H_2O$

Molecular Weight 430.4

CAS Registry Number 66985-17-9

Dec 02 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or almost white crystalline powder	Almost white crystalline powder
Identification	IR, position, color & size tests, no precipitate is formed, solution color reaction, reaction of bromides	Positive
Melting point	About 230°C	227 ~ 229°C
Appearance of Solution	The solution is clear and not more intensely coloured than reference solution GY ₇	Conforms
pH	5.0 ~ 7.5	5.6
Impurity A	≤ 0.1%	ND
Related substances	Impurity D ≤ 0.05%	ND
	Impurity B ≤ 0.1%	ND
	Impurity C ≤ 0.1%	ND
	Unspecified impurities for each impurity ≤ 0.1%	ND
	Total impurities ≤ 0.25%	ND
	Disregard limit: 0.03%, disregard the peak due to the bromide ion	
Water	3.9 ~ 4.4%	4.2%
Sulfated ash	≤ 0.1%	0.08%
Residual solvents	Methanol ≤ 0.3%	ND
	Acetone ≤ 0.5%	ND
	Isopropanol ≤ 0.5%	ND
	Dichloromethane ≤ 0.06%	ND
	Chloroform ≤ 0.006%	ND
	Toluene ≤ 0.089%	ND
Assay (oab)	99.0 ~ 100.5%	100.0%

Packaging & storage	Preserve in well-closed, light-resistant containers
Conclusion	Material complies with EP10.0