

Specification

Technical Data Sheet

Product Name	Dibucaine
Product No	77445168
CAS Number	85-79-0
Storage Temperature	2 to 8 °C
Molecular Weight	343.46
	Specification
Appearance	White to almost white powder, Characteristic smell, Darkens under exposure conditions.
Acetone	≤0.5%
Identification	The retention time of the major peak of the Sample solution corresponds to that of the Identification solution, as obtained in the test for Enantiomeric and Diastere-omeric Purity.
Loss on Drying	≤1.0%
Melting Point	62.5°C ~ 66.0°C
Residue on ignition	≤0.2%

Specification

Assay	97.0% ~ 102.5%
Butanol	≤0.5%
Chromatographic purity	Principal spot obtained from the Test solution corresponds in RF value, colour, and intensity to that obtained from the Standard solution; the sum of the intensities of any secondary spots, if present in the chromatogram of the Test solution, corresponds to not more than 2.0% of that of the principal spot in the chromatogram of the Standard solution on the basis of comparison with the spots obtained from the comparison solutions.
Dichloromethane	≤0.06%
Ethyl acetate	≤0.5%
N,N-Dimethylformamide	≤0.088%
Toluene	≤0.089%
Conforms to USP	2022
Glacial acetic acid	≤0.5%
Identification (IR)	By IR absorption ,to match with the workingstandard
n-Heptane	≤0.5%
Petroleum ether	≤0.5%