

Specification

690390 Naphazoline nitrate Ph.Eur.

CAS	Formula	Molweight
5144-52-5	C ₁₄ H ₁₄ N ₂ *HNO ₃	273,29

Parameter	Specification
Aspect	white or almost white crystalline powder
Identity	passes test
Assay (NT) calc. on dried Substance	99.0 - 101.0 %
Melting Range (begin)	167 - 170 °C
Melting Range (end)	167 - 170 °C
Sulphated ash	max. 0.10 %
Loss on Drying	max. 0.50 %
Solubility (1% in Water)	clear and colourless
pH-Value (1% in Water)	5.0 - 6.5
Chloride (Cl)	max. 330 ppm
Acetone (GC)	max. 1,000 ppm
Benzene (GC)	max. 2.000 ppm
Diisopropyl ether (GC)	max. 500 ppm
Isopropyl alcohol (GC)	max. 5,000 ppm
Impurity A (HPLC)	max. 0.5%
Unspecified impurities (HPLC)	max. 0.10%
Total impurities (HPLC)	max. 1.0%
Sum TAMC + TYMC	max. 100 CFU/g
Enterobacteria	absence in 1 g
Pseudomonas aeruginosa	absence in 1 g
Staphylococcus aureus	absence in 1 g
Escherichia coli	absence in 1g
Salmonella	absence in 10 g
Requirement	Ph.Eur. [current edition]

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Quality Control

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