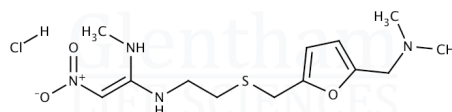


Certificate of Analysis

Product Name	Ranitidine hydrochloride, EP grade
Glentham Code	GP1121
CAS Number	66357-59-3
EINECS	266-333-0
MDL Number	MFCD00069339
Additional CAS	66357-35-5
Additional CAS	71130-06-8
Batch Number	203EKS

Molecular Weight	350.86
Molecular Formula	$C_{13}H_{22}N_4O_3S \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 203EKS
Physical Description	White or pale yellow crystalline powder	White crystalline powder
Identification	A: IR, B: Reaction of chlorides	Conforms
Solubility (1% in water)	Clear, colourless solution ($\leq$ BY5)	Clear, colourless solution
pH (1% in water)	4.5 - 6.0	5.5
Impurity A	$\leq 0.3\%$ (HPLC)	0.18%
Impurity J	$\leq 0.15\%$ (HPLC)	0.07%
Any Unspecified Impurity	$\leq 0.1\%$ (HPLC)	$\leq 0.1\%$
Total Impurities	$\leq 0.5\%$ (HPLC)	0.25%
Loss on Drying	$\leq 0.75\%$	0.24%
Sulphated Ash	$\leq 0.1\%$	0.04%
Assay (Titration)	98.5 - 101.5 % (dried basis)	100.1%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.1
Manufacture Date	2023-03-01
Re-Test Date	2030-05-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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