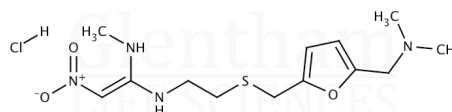


Product Specification

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

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



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

Specification Version	-	v1.1
Date Created	-	2023-08-11

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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