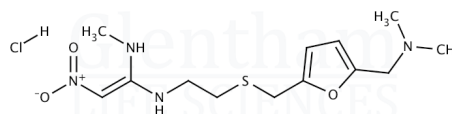


Certificate of Analysis

Product Name	Ranitidine hydrochloride
Glentham Code	GP4580
CAS Number	66357-59-3
EINECS	266-333-0
MDL Number	MFCD00069339
PubChem SID	310279613
Additional CAS	66357-35-5
Additional CAS	71130-06-8
Batch Number	396BDV



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

Property	Specification	Batch 396BDV
Physical Description	Off-white to light-yellow or tan crystalline powder	Tan crystalline powder
Identification	A, B, C according to USP	Conforms
Solubility (0.1% in water)	Clear solution	Clear solution
pH (1% in water)	4.5 - 6.0	5.77
Residue on Ignition	≤ 0.1%	0.06%
Any Individual Impurity	≤ 0.1%	Conforms
Total Impurities	≤ 0.5%	0.11%
Loss on Drying	≤ 0.75%	0.15%
Assay	98.0 - 102.0 % ($C_{13}H_{22}N_4O_3S \cdot HCl$, dried basis)	99.8%
Pharmacopoeia Specification(s)	USP	USP36

Specification Version	v1.0
Manufacture Date	2022-07-19
Re-Test Date	2027-08-19

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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