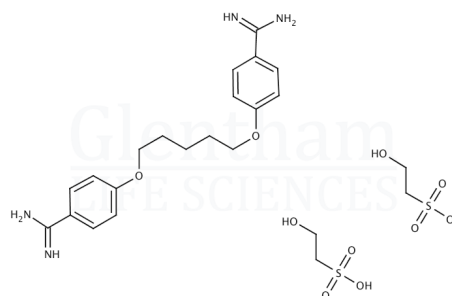


## Product Specification

Product Name	Pentamidine isethionate salt, EP, USP grade
Glentham Code	GK1903
CAS Number	140-64-7
EINECS	205-424-1
MDL Number	MFCD00079213
Molecular Weight	592.68
Molecular Formula	$C_{19}H_{24}N_4O_2 \cdot 2C_2H_6O_4S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder, or colourless crystals
Identification (IR)	To conform to standard
Identification	O2 combustion (USP Test B); Tests B and C (EP)
Identification (HPLC)	Retention time to conform
Solubility (10% in water)	Clear ( $\leq$ ref. sus. II); colourless solution ( $\leq$ 6)
pH (5% in water)	4.5 - 6.5
Heavy Metals	$\leq$ 20ppm
Residue on Ignition	$\leq$ 0.1%
Melting Point	187 - 191 °C
Ammonium Isethionate	$\leq$ 0.2%
1,5-Dibromopentane	$\leq$ 0.1%
Monoamide Impurity	$\leq$ 0.2% (HPLC)
Bisamide Impurity	$\leq$ 0.2% (HPLC)
Any Other Individual Impurity	$\leq$ 0.05% (HPLC)
Total Impurities	$\leq$ 0.4% (HPLC)
Loss on Drying	$\leq$ 4.0% (105°C)
Assay (Titration)	98.5 - 101.5 % (dried substance)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.0
Date Created	-	2018-05-17

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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