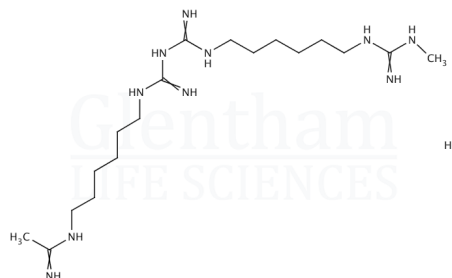


## Certificate of Analysis

Product Name	Poly(hexamethylenebiguanide) hydrochloride
Glentham Code	GX8223
CAS Number	32289-58-0
MDL Number	MFCD00217750
Additional CAS	27083-27-8
Additional CAS	28757-47-3
Additional CAS	1802181-67-4
Batch Number	586HFN

Molecular Weight	(183.25)n·x(36.46)
Molecular Formula	(C <sub>8</sub> H <sub>17</sub> N <sub>5</sub> )n·x(HCl)
Storage Temp.	+4°C



Property	Specification	Batch 586HFN
Physical Description	White to almost white crystalline powder	Almost white crystalline powder
Solubility (20% in water)	Clear, colourless to very faint yellow solution	Clear, colorless solution
Melting Point	Reported	152.5°C
Purity	≥ 90.0%	99.2%

Specification Version	v1.2
Manufacture Date	2023-05-18
Re-Test Date	2030-06-20

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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