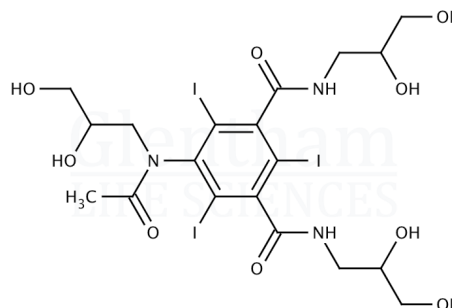


## Product Specification

Product Name	Iohexol, USP grade
Glentham Code	GP7112
CAS Number	66108-95-0
EINECS	266-164-2
MDL Number	MFCD00077732
Molecular Weight	821.14
Molecular Formula	$C_{19}H_{26}I_3N_3O_9$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white powder
Identification	A, B, C, D according to USP
Solubility (5% in water)	Clear, colourless to faint yellow solution
Heavy Metals	≤ 20ppm
Free Iodine	≤ 0.001%
Methanol	≤ 0.005%
Isopropyl alcohol	≤ 0.005%
Methoxyethanol	≤ 0.002%
3-Chloropropane-1,2-diol	≤ 0.0025%
Free Aromatic Amine	≤ 0.05%
Colour of Solution	According to USP
Ionic Compounds	≤ 0.01%
Specific Optical Rotation	-0.5 - +0.5 °
Water	≤ 4.0%
Assay	98.0 - 102.0 % (C <sub>19</sub> H <sub>26</sub> I <sub>3</sub> N <sub>3</sub> O <sub>9</sub> , anhydrous basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2016-08-11

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

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