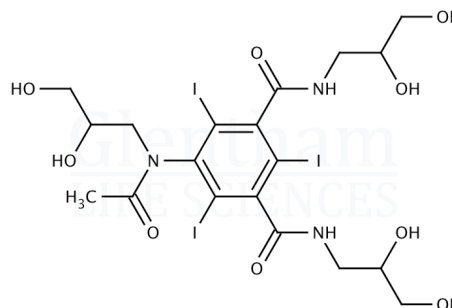


Product Specification

| | |
|-------------------|-------------------------|
| 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 ₁₉ H ₂₆ I ₃ N ₃ O ₉ , 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 or contact us using the details above for the current version of this document.

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