



Molekula Limited
Lingfield Way
Darlington
County Durham
DL1 4XX
United Kingdom
+44 (0) 3302 000333
info@molekula.com

Specification

Technical Data Sheet

| | |
|----------------------------------|--|
| Product Name | IPTG (Animal-free origin D-Galactose) |
| Product No | 66865688 |
| CAS Number | 367-93-1 |
| Storage Temperature | 2 to 8 °C |
| Molecular Weight | 238.30 |
| | Specification |
| Melting Point | 110 - 114°C |
| pH | 5 - 7 |
| Solubility | Soluble in water and methanol |
| Specific optical rotation | -31.5 +/- 3.0 |
| Appearance | White to almost white crystalline powder |
| 1,4-Dioxane | Not detected |
| Water KF | max 1.0% |
| Purity HPLC dry basis | min 99.0% |