

Measurement of Hyaluronic acid

[SJ-MM-019]

2010-06-24

Supersedes prior issues

Quality Assurance

Test procedure

1. Add sample to 10ml volumetric flask.
2. Add water and acetonitrile to 10ml. Solution and sonicate for 1hr.
3. Centrifuge (3,500rpm, 10min) & Syringe filter (0.45um)
4. Analysis
5. Analysis condition

Apparatus Model	Agilent 1200 HPLC
Column	ZORBAX Eclipse XDB-C18 150 × 4.6mm I.D. 5um ZORBAX Eclipse XDB-C18 12.5 × 4.6mm I.D. 5um
Mobile phase	10mM NaH ₂ PO ₄ : Acetonitrile = 60 : 40
Detector	UV 210 nm
Column oven temp	35°C
Flow rate	0.45ml/min
Injection volume	5ul