

PRODUCT IDENTITY

PRODUCT NAME	Synthetic agarose	PRODUCT NUMBER	S579091
Grades & Purity	Ultra-low Gelling Temperature	VERSION	3
CAS NUMBER	9012-36-6	FORMULA	
FORMULA WEIGHT	g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Sulfate(SO42-)	0-0.1 (%)
Moisture content	0-10 (%)
Gel Strength(2.0%)	≥75 (g/cm2)
Gel Temperature(0.8%)	8-16 (°C)
Melting Temperature(1.0%)	45-55 (°C)
Electroendosmosis (-MR)	0-0.05
DNase Detection	none detected
RNases Detection	none detected
Protease Detection	None Detected
Appearance(S579091)	White to Light Yellow Powder