

PRODUCT IDENTITY

PRODUCT NAME	Triton™ X-100	PRODUCT NUMBER	T109028
Grades & Purity	for electrophoresis	VERSION	3
CAS NUMBER	9002-93-1	FORMULA	C ₈ H ₁₇ C ₆ H ₄ (OCH ₂ CH ₂) _n OH(n≈10)
FORMULA WEIGHT	g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Aggregation Number	100-155
Color scale	0-100
Density	1.06-1.07 (g/cm ³)
CMC	0.2-0.9 (mmol/L)
Cloud Point	63-69 (°C)
Appearance (T109028)	Colorless to light yellow liquid
Electrophoresis test	pass
HLB	13.5
Infrared spectrum	Conforms to Structure
pour point (-7°C)	pass

PARAMETER	SPECIFICATION / LIMIT
Solubility in H ₂ O , Clear to Slightly Hazy , c = 1ml/10ml; Water	pass
UV spectrometry	Conforms to structure