

PRODUCT IDENTITY

PRODUCT NAME	Sodium chloride	PRODUCT NUMBER	C656985
Grades & Purity	Animal Free, Low Endotoxin, for cell culture, ≥99.5%	VERSION	3
CAS NUMBER	7647-14-5	FORMULA	NaCl
FORMULA WEIGHT	58.44g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(C656985)	Colorless to White crystalline powder or crystal
X-Ray Diffraction	Conforms to Structure
Purity(Titration by AgNO3)	99.5-100.5 (%)
Cell Culture Test	pass
Solubility,5.0g in 25ml water, clear and colorless	pass
Bromides and iodides	Pass
Sulfate(SO42-)	0-0.0015 (%)
Phosphate(PO4)	0-0.0025 (%)
Ferrocyanides	Pass
Loss on drying	0-0.5 (%)

PARAMETER	SPECIFICATION / LIMIT
Barium salt	Pass
Calcium salt	Pass
Magnesium Salts	0-0.001 (%)
Potassium salt	0-0.02 (%)
Iron salt	0-0.0003 (%)
Heavy metals	0-2 (ppm)
Arsenic salt	0-0.00004 (%)
Endotoxin Assay	0-4.64 (EU/g)
Total aerobic bacteria	0-100(cfu/g)
Total moulds and yeasts	0-10 (cfu/g)
Escherichia coli	negative
Nitrite(NO ₂)(UV-absorption 354m;1cm;10%;water)	0-0.01