



# Certificate of Analysis

**Product**

**89360 - Sodium Chloride for cell culture, 99.9%,  
Endotoxin (BET) 0.05EU/mg - [7647-14-5]**

**Batch No**

**4364322**

**Analysis Date**

16-Oct-2022

**Date of Manufacture**

October 2022

**Expiry Date/Re-Test Date**

October 2027

**Molecular Formula**

NaCl

**Molecular Weight**

58.44

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99.9%	99.9%
Water Insoluble matter	max. 0.003%	Passes
pH (5% aq. solution)	5.0 - 8.0	6.1
Sulphate (SO <sub>4</sub> )	max. 0.001%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0005%	Passes
Copper (Cu)	max. 0.0002%	Passes
Bromide (Br)	max. 0.005%	Passes
Iodide (I)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.0005%	Passes
Ferrocyanide [Fe(CN <sub>6</sub> )] <sup>-4</sup>	max. 0.0001%	Passes
Potassium (K)	max. 0.005%	Passes
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	< 0.05 EU/mg	Passes