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Product Specifications



Catalogue Number	49461
Product	Calcium chloride dihydrate
CAS Number	10035-04-8
Molecular Formula	CaCl ₂ •2H ₂ O
Molecular Weight	147.01

Appearance	White crystalline powder
Solubility	Clear colorless solution at 10% aq. Solution
Heavy Metals	≤ 0.0005% (as Pb)
Anion	Sulphate (SO ₄) : ≤ 0.005%
Cation	Iron (Fe) : ≤ 0.0002% Copper (Cu) : ≤ 0.0005% Sodium (Na) : ≤ 0.01% Potassium (K) : ≤ 0.005%
pH	4.5 - 8.5
DNase, RNase, Protease	Not detected
Absorbance (1M aq. Solution)	at 260 nm : ≤ 0.04 at 280 nm : ≤ 0.02
Assay by titration	≥ 99.5%
Grade	Molecular biology grade
Storage	Store at RT

For Laboratory Use Only