



**DC FINE  
CHEMICALS**

# Specification

**Formula Hill:**  $C_{12}H_{22}CaO_{14} \cdot H_2O$   
**Molar Mass:** 448.4 g/mol  
**CAS N°:** 66905-23-5

## 102710 Calcium D-gluconate monohydrate for injection, Ph. Eur.

	Specification
Assay	99.0 - 101.0 %
Identity	conforms
Appearance of solution	conforms
pH value (5% in water)	6.4 - 8.3
Chloride (Cl)	$\leq 0.005$ %
Oxalate ( $C_2O_4$ )	$\leq 0.01$ %
Phosphate ( $PO_4$ )	$\leq 0.01$ %
Sulfate ( $SO_4$ )	$\leq 0.005$ %
Organic impurities and boric acid	conforms
Heavy metals (as Pb)	$\leq 0.001$ %
Fe (Iron)	$\leq 0.0005$ %
Magnesium and alkali metals	$\leq 0.4$ %
Reducing sugars and sucrose	conforms
Total aerobic count	$\leq 100$ cfu/g
Bacterial endotoxins	$\leq 167$ IU/g

Conforms to

Ph. Eur. specification