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SALES SPECIFICATION

CALCIUM CHLORIDE DIHYDRATE 77% FLAKE (FOOD GRADE)

CAS Number: 10035-04-8

Appearance: white flake, odourless

Calcium chloride ($\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$): 99-107%

Calcium chloride (CaCl_2): 750-850 g/kg

Arsenic: ≤ 3 mg/kg

Fluorides: $\leq 0.004\%$

Lead: ≤ 2 mg/kg

Magnesium & alkali salts: ≤ 50 g/kg

pH of 1:20 solution: 4.5 – 11.0

Total alkalinity: ≤ 1.5 g/kg

Mercury: ≤ 1 mg/kg

Typical property

Total other chlorides: 22 g/kg

Iron: 8 mg/kg

Sulphates: 1.8 g/kg

Water insoluble matter: 0.3 g/kg

Bulk density: 0.8 - 0.9 kg/dm³

Water solubility (pure product): 74 g/l at 20°C

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