

Specification

Technical Data Sheet

CAS

7774-34-7

STORAGE

2 to 8 °C

MOLECULAR WEIGHT

219.08

PRODUCT

Calcium chloride hexahydrate

Product number	90028969
CAS number	7774-34-7
Molecular formula	CaCl ₂ · 6H ₂ O
Molecular weight	219.08 g/mol

PARAMETER

SPECIFICATION

Appearance	White crystal
Assay	≥ 97.0%
Appearance of Solution	Passes test
Fluoride (F-)	≤ 40 mg/kg
Heavy Metals (Pb)	≤ 15 mg/kg
Iron (Fe)	≤ 7 mg/kg
Magnesium and alkaline earth metals	≤ 0.30%
Aluminium (Al)	Passes test
Arsenic (As)	≤ 3 mg/kg
Barium (Ba)	≤ 0.002%
Calcium (Ca)	Flame test: Red/Orange flame
Chloride Identification	Silver Nitrate Test:
Lead (Pb)	≤ 2 mg/kg
Mercury (Hg)	≤ 1 mg/kg
Sulphates (SO ₄)(2-)	≤ 200 mg/kg

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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