

Certificate of Analysis

Product Name	Calcium chloride dihydrate
Glentham Code	GK9858
CAS Number	10035-04-8
EINECS	233-140-8
MDL Number	MFCD00149613
PubChem SID	310269207
Batch Number	513GZC

Molecular Weight	147.02
Molecular Formula	$\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 513GZC
Physical Description	White crystalline powder or flakes	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH	9.0 - 11.0 (5% w/v CaCl_2)	10.5
Magnesium and Alkali Salts	≤ 2.5%	1.8%
Water Insoluble Matter	≤ 0.2%	≤ 0.1%
Fluorine (F)	≤ 40ppm	17ppm
Heavy Metals (as Pb)	≤ 20ppm	Conforms
Iron (Fe)	≤ 5ppm	2ppm
Lead (Pb)	≤ 2ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 1ppm	Conforms
Assay	99 - 106 % ($\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$)	102%

Specification Version	v1.2
Manufacture Date	None
Re-Test Date	2032-04-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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