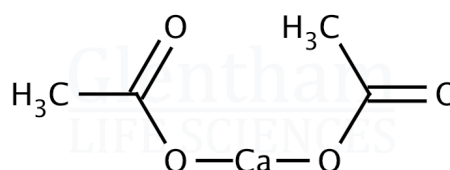


Certificate of Analysis

Product Name	Calcium acetate hydrate
Glentham Code	GE2473
CAS Number	62-54-4
MDL Number	MFCD00150019
Additional CAS	114460-21-8
Additional CAS	5743-26-0 ($\cdot \text{H}_2\text{O}$)
PubChem SID	310269202
Batch Number	855PAJ

Molecular Weight	158.17 (anhydrous)
Molecular Formula	$\text{C}_4\text{H}_6\text{CaO}_4 \cdot x\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 855PAJ
Physical Description	White crystals or powder	White powder
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (10% in water)	6.0 - 9.0	7.2
Water	$\leq 12.0\%$	5.8%
Water Insoluble Matter	$\leq 0.1\%$	Conforms
Chloride (Cl)	$\leq 0.05\%$	0.026%
Sulphate (SO ₄)	$\leq 0.1\%$	0.1%
Iron (Fe)	$\leq 10\text{ppm}$	$\leq 2\text{ppm}$
Arsenic (As)	$\leq 3\text{ppm}$	Conforms
Lead (Pb)	$\leq 2\text{ppm}$	Conforms
Mercury (Hg)	$\leq 1\text{ppm}$	Conforms
Fluorine (F)	$\leq 0.005\%$	Conforms
Heavy Metals (as Pb)	$\leq 10\text{ppm}$	Conforms
Formic acid	$\leq 0.1\%$	Conforms
Assay	99.0 - 100.5 % (dried basis)	100.1%

Specification Version	v1.0
Manufacture Date	2018-10-04
Re-Test Date	2028-05-29

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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