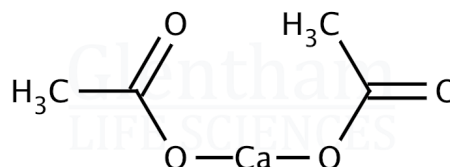


## Certificate of Analysis

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 (SO4)	$\leq 0.1\%$	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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