

Calcium Acetate monohydrate

SPECIFICATION

Specification No.	VCPL/SPEC/QC/14/01
Grade	Pure
Molecular formula	$(\text{CH}_3\text{COO})_2\text{Ca} \cdot \text{H}_2\text{O}$
Molecular weight	176.18
CAS No.	5743-26-0
Also known as	Calcium diacetate

Appearance	Visual observation	A white powder, very hygroscopic
Solubility 5% solution in distilled water	% w/v	Clear solution
pH of 5% solution	% w/v	6.30 – 9.30
Assay	% w/w	Min 98%
Calcium (as Ca) content	% w/w	Min 23%
Chloride (as Cl)	% w/w	Max. 0.05%
Iron (as Fe)	% w/w	Max. 0.002%
Sulphate (as SO ₄)	% w/w	Max. 0.06%
Water Content (by K/F Method)	% w/w	Max. 7.0%

***Storage:-** Store under the roof in well closed bags/container. Do not expose to direct sunlight.

Note:- This paper is digitally signed.

