



Certificate of Analysis

Calcium Acetate Monohydrate ACS

Catalog Number: CA1005
Lot Number: 0821904
CAS Number: 5743-26-0
Synonym(s): Calcium Ethanoate
Molecular Formula: $\text{Ca}(\text{CH}_3\text{CO}_2)_2 \cdot \text{H}_2\text{O}$
Molecular Weight: 176.18
Storage: 15°C – 30°C
Date of Manufacture: May 1, 2019
Retest Date: April 30, 2024

Test	Specification	Result
Appearance	White Powder	Conforms
Assay	≥ 99.0%	99.97%
Solubility	Very soluble in water	Conforms
Insoluble Matter	≤ 0.005%	0.003%
Iron	≤ 0.001%	< 0.001%
Magnesium	≤ 0.05%	0.002%
Potassium	≤ 0.01%	0.0003%
Sodium	≤ 0.02%	0.0009%
Strontium	≤ 0.05%	0.003%
Alkalinity	To pass test	Conforms
Titrateable Acid	≤ 0.035 meq/g	0.01 meq/g
Chloride	≤ 0.001%	< 0.001%
Sulfate	≤ 0.01%	< 0.01%
Barium	≤ 0.01%	< 0.01%
Heavy Metals	≤ 0.005%	< 0.005%

Approved by:
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Date: August 22, 2019