



Specification

Calcium Sulfate Dihydrate ACS

Catalog Number: CS1015
CAS Number: 56-87-1
Synonym(s): Gypsum; Alabaster; C.I. 77231; C.I. Pigment White 25; Sulfuric Acid; Calcium Salt
Molecular Formula: $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 172.17

Test	Specification
Appearance:	White crystalline powder
Assay:	98.0 - 102.0%
Insoluble in dilute hydrochloric acid	0.02% maximum
Chloride (Cl)	0.005% maximum
Nitrate (NO ₃)	Passes test
Carbonate (CO ₃)	Passes test
Heavy metals (as Pb)	0.002% maximum
Iron (Fe)	0.001% maximum
Magnesium (Mg)	0.02% maximum
Potassium (K)	0.005% maximum
Sodium (Na)	0.02% maximum
Strontium (Sr)	0.05% maximum

Approved:

Date: April 16, 2020

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com