

5109 – CALCIUM SULPHATE (ANH.) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5109	STANDARD SPECIFICATION FOR CALCIUM SULPHATE (ANH.) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5109

PRODUCT PROPERTIES

C.A.S Number	7778-18-9
Chemical Formula	CaSO ₄
Formula weight	136.14
Functional Uses	Calcium sulphate is used as Yeast food, dough conditioner, firming agent, sequestrant.
Standard Packaging	25Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Fine, white to slightly yellow-white, odourless powder
Solubility	Slightly soluble in water; insoluble in ethanol
Test for calcium	Passes test
Test for sulfate	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (250° to constant weight)	NMT – 1.5%
Fluoride	NMT – 30 mg/kg
Selenium	NMT – 30 mg/kg
Lead	NMT – 2 mg/kg
Assay (after drying)	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

