

TBF 105 - SODIUM CASEINATE (PROTEIN 90%)

REF NO: TBL/QA/SS/F/105	STANDARD SPECIFICATION FOR SODIUM CASEINATE (PROTEIN 90%)	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: TBF 105

PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	Sodium caseinate can be used as a protein supplement and to alter the texture and stability of various products.
Standard Packaging	NA

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to Milk white colored free flowing powder.
Taste & Odors	Bland in taste and odorless.
Dispersibility	Dispersible in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (2% Soln. at 25°C)	6.0 – 8.0
Loss on drying (at 105°C)	NMT – 8.0%
Milk Protein Content (N*6.38)	NLT – 90.0%
Milk Fat	NMT – 2.0%
Lactose Content	NMT – 1.0%
Total Ash	NMT – 6.0%
Sodium content (Na)	NMT – 1.5%
Heavy Metals (Pb)	NMT – 10ppm
Arsenic (As)	NMT – 2ppm

MICROBIAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Total viable count	NMT- 10,000cfu/g



Escherichia coli	Negative
Salmonella spp.	Negative
Staphylococcus aureus	Negative
Yeast & molds	100cfu/g

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

