

955 – SODIUM PROPIONATE POWDER EXTRA PURE

REF NO: TBL/QA/SS/LC/955	STANDARD SPECIFICATION FOR SODIUM PROPIONATE POWDER EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 21/03/2025
Issue Date: 22/03/2022		Product code: 955

PRODUCT PROPERTIES

C.A.S Number	137-40-6
Chemical Formula	$C_3H_5NaO_2$
Formula weight	96.07
Functional Uses	Sodium propionate has been used as a supplement in transgalacto-oligosaccharides (TOS) medium for the isolation of bifidobacteria.
Standard Packaging	500 gm, 50 Kg .

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White powder.
Solubility(2%soln.at 25°C)	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH 10% Soln.)	7.5 – 10.5
Loss on drying (at 105°C, 3hr)	NMT – 1.0%
Arsenic (As)	NMT – 1 ppm
Iron (Fe)	NMT – 50 ppm
Lead (Pb)	NMT – 5 ppm

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