

637 – PROPYL PARABEN SODIUM

REF NO: TBL/QA/SS/LC/637	STANDARD SPECIFICATION FOR PROPYL PARABEN SODIUM	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	35285-69-9
Chemical Formula	C ₁₀ H ₁₁ NaO ₃
Formula weight	202.18
Functional Uses	It is used as a preservative in pharmaceutical formulations and cosmetics.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White hygroscopic crystalline power.
Solubility	Freely soluble in water and in ethanol (50%); Sparingly soluble in ethanol (95%); Practically insoluble in fixed oil.
Appearance of Solution	A10.0%w/v solution in water is clear.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1% in water at 25° C)	9.50 – 10.50
Chloride (Cl)	NMT – 330 ppm
Sulphate (SO ₄)	NMT – 0.12%
Water	NMT – 5.0%
Assay	94.0% - 102.0

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

