



SPECIFICATION

PRODUCT: SODIUM MONO FLUORO PHOSPHATE (SMFP)

Sr. No.	Parameter	Specification
1.	Appearance	White Powder free from signs of Impurity
2.	Identification - Sodium - Fluoride	Positive Positive
3.	Solubility	2% in Distilled Water
4.	Assay as Sodium MonoFluoro Phosphate % by mass on dry basis	95 – 100.5
5.	Loss on Drying % by Mass	Max 0.20
6.	pH of 2 % Solution	6.5 – 8.0
7.	Arsenic ppm	Max 3
8.	Lead ppm	Max 5
9.	Free Fluoride % by Mass	NMT 0.7
10.	Organic Volatile Impurities	Meet USP Requirements
11.	Total Fluoride % by Mass	Min 12.7

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