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	SPECIFICATION		
Product	Salicylic Acid		
Product Code	SA-020	Effective Date	23/11/2019
Specification No.	S/SA-02001-00		Review Date
			22/11/2021

1.0 SPECIFICATION

S No.	Test	USP Specification	Reference
1	Description	White crystals, usually in fine needles, or fluffy, white, crystalline powder.	Surfachem-T/SA-02001-00
2	Solubility	Freely soluble in alcohol and in ether; soluble in boiling water; sparingly soluble in chloroform; slightly soluble in water and in benzene.	Surfachem-T/SA-02001-00
3	Identification	A- By Infrared absorption: The IR spectrum of sample should correspond to that of the Standard Spectrum of USP Salicylic acid RS. B- By HPLC Assay: The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Surfachem-T/SA-02001-00
4	Organic impurities	Salicylic acid Related compound A: NMT 0.1% Salicylic acid Related compound B: NMT 0.05% Salicylic acid Related compound C: NMT 0.02% Any other individual impurity: NMT 0.05% Total impurities: NMT 0.2%	Surfachem-T/SA-02001-00
5	Chlorides	NMT 0.014%	Surfachem-T/SA-02001-00
6	Sulphates	NMT 0.02%	Surfachem-T/SA-02001-00
7	Residue on Ignition	NMT 0.05%	Surfachem-T/SA-02001-00
8	Loss on Drying	NMT 0.5%	Surfachem-T/SA-02001-00
9	Assay	NLT 98.0% and NMT 102.0%	Surfachem-T/SA-02001-00

END OF DOCUMENT



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