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NOVO EXCIPIENTS PVT. LTD.	RAW MATERIAL SPECIFICATION Quality Control Department		Page No.	1 of 3
Name of Raw Material	Sodium Lauryl Sulphate			
Specification No.	RM/SPEC/HM/044-01	Supersedes No.:	RM/SPEC/044-01	
Reference	IP/USP	Effective Date	23/04/2025	
Ref. Annexure No.	A/SOP/QC/030/02	Review Month	Mar '2030	

GENERAL INFORMATION

Pharmacopeial reference	:	IP/USP
Special requirement of pack	:	Material should be packed in paper bag.
Approved vendor	:	Please refer current approved vendor list.
Handling hazards	:	Refer Material Safety Data Sheet
Quantity to be sampled	:	Analysis Sample: 70 g; Control sample: 140 g
Retest Period	:	12 Months
Storage	:	Store protected from moisture and preserve in well-closed containers.

	PREPARED BY	REVIEWED BY	APPROVED BY
Name	Manisha Dhere	Appa S. Shinde	Manish Mahajan
Sign/Date	23/04/25	23/04/25	23/04/2025
Designation	Sr. Executive	Asst. Manager	Manager
Department	Quality Control	Quality Control	Quality Assurance

NOVO EXCIPIENTS PVT. LTD.	RAW MATERIAL SPECIFICATION	Page No.	2 of 3
	Quality Control Department		
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Sr. No.	TEST	SPECIFICATIONS	REFERENCE
01.	Description #	A white or pale yellow powder or crystal.	IP
		Small, white or light yellow crystals having a slight, characteristic odor.	USP
02.	Solubility	Freely soluble in water, forming an opalescent solution, partly soluble in ethanol (95%)	IP
		Freely soluble in water, forming an opalescent solution.	USP
03.	Identification		
	Test A : By IR	Compare the spectrum with that obtained with sodium lauryl sulphate RS or with the reference spectrum of sodium lauryl sulphate	USP
	Test B	Should be Produce plenty of foam.	IP
	Test C	The dichlorometane layer should be intensly blue.	IP
	Test D	A white crystalline precipitate should be formed.	IP
	Test E: Reaction of Sodium	i) A voluminous, white, crystalline precipitate should be formed. ii) No precipitate should be formed.	IP/USP
	Test F: Sulfate	A white precipitate should be produced.	USP
04.	Alkalinity#	NMT 0.5 ml of 0.1 M Hcl should be required to change the colour of the solution.	IP
		NMT 0.5 ml for neutralization	USP
05.	Total alcohols	The residue represents the total alcohols and should be NLT 59.0 % of the weight of Sodium Lauryl sulfate	USP
06.	Non-esterified alcohol	NMT 4 %	IP
07.	Sodium chloride and sodium sulphate	The combined content of sodium chloride and sodium sulfates should be NMT 8.0 %	IP/USP
08.	Unsulfated Alcohols	The weight of the residue should NMT 4.0 % of the weight of Sodium Lauryl Sulfate	USP
09.	Assay # : Content of Sodium alkyl sulfates	NLT 85.0%	IP/USP

#: Re-evaluation tests

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novo EXCIPIENTS PVT. LTD.	**RAW MATERIAL SPECIFICATION**	Page No.	3 of 3
	Quality Control Department		
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REVISION HISTORY FOR SPECIFICATION:

Revision No.	Revision Description	Effective Date
01	1) New Pharmacopoeial grade new document prepared as per Approved Change control No. CC/QC/23/002 2) SPEC and ATR prepared as per approved change control No. CC/QC/25/008	23/04/2025

	PREPARED BY	REVIEWED BY	APPROVED BY
Sign/Date	23/04/25	23/04/25	23/04/2025