



S V CHEMEX

CERTIFICATE OF ANALYSIS

NAME OF PRODUCT : SODIUM PICOSULFATE BP				
Mfg. Lic. No.:MH/102181				
Batch No.:	SPS/004/21	Mfg. Date:	Jul - 2021	
Batch Size	100.0 KGS	Expiry Date:	Jun - 2026	
Test		Specification	Results	
Appearance		White or almost white crystalline powder	Almost white , crystalline powder.	
Solubility		Freely soluble in water, slightly soluble in ethanol (96.0 %).	Freely soluble in water, slightly soluble in ethanol (96.0 %).	
Identification:				
A. By IR B. By TLC C. Chemical test D. Chemical test E. Gives reaction of sodium	IR should be confirm It should be comply A white precipitate should produced A violet colour develops It should positive	Complies Complies Complies Complies Complies	Complies Complies Complies Complies Complies	
Appearance of solution		Solution S is clear and not more intensely coloured than reference solution GY7.	Complies	
Acidity or Alkalinity		The solution should not more than 0.25ml of 0.01M sodium hydroxide is required to change the colour of the indicator to pink.	0.20 ml of 0.01M sodium hydroxide is required to change the colour of the indicator to pink.	
Chlorides		Not more than 200ppm	Less than 200ppm	
Sulphates		Not more than 400ppm	Less than 400ppm	
Heavy metals		Not more than 20ppm	Less than 20ppm	
Water content		Between 3.0% to 5.0%	3.30%	
Related substances by TLC		Not more than 0.2%	Less than 0.2%	
Assay by potentiometer		Not less than 98.5% and Not more than 100.5% (On anhydrous basis)	100.4%	

Remarks: The Material is Complies as per BP 2008 specification.

Prepared by:	 13/09/2024	Approved by :	 13/09/2024
Date:		Date:	
Name & Designation	Officer QC - Suprit Keni	Name & Designation	In-charge QA- Sunil Morgade

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