

### 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	IR should be confirm	Complies
B. By TLC	It should be comply	Complies
C. Chemical test	A white precipitate should produced	Complies
D. Chemical test	A violet colour develops	Complies
E. Gives reaction of sodium	It should positive	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:		Approved by :	
Date:	13/09/2021	Date:	13/09/2021
Name & Designation	Officer QC - Suprit Keni	Name & Designation	In-charge QA- Sunil Morghade