Navyug Pharmachem Private Limited

Manufacturers of :
FINE CHEMICALS & BASIC DRUGS
CIN No. : U99999GJI992PTC017366

CERTIFICATE OF ANALYSIS

The Drugs & Cosmetics Act 1945 rules there under
Drugs License No: G-1158
GMP & GLP Certificate No. : S-GMP & GLP /23084452

Report No. 6202 Date:-07-12-2023

1.Sample:	Sodium Benzoate IP
2.From:	Navyug Pharmachem Pvt. Ltd.
3.Direction:	As Per IP- 2022

(a) Batch No.	(b) Qty of sample	(c) Date of Mfg.	(d) Batch Size	(e) Date of Expiry
6202	2 x 100Gms	06-12-2023	5000kgs	5Years from Date of Mfg.

Sr. No.	Test required	Observation	Specification
1	Description	Complies as IP	A White, crystalline, or granular powder or flakes,odourless or with a faint odour ;hygroscopic
2	Solubility	Complies	Freely Soluble in Water, Sparingly soluble in ethanol(95%)
3	Identification	Complies	A) To a 10% w/v solution add FeCl3 test solution a buff-coloured precipitate is formed. Add dilute. HCl ; white crystalline precipitate is produced. B) Reactions Of sodium salts, Reaction of benzoate
4	Appearance of solution	Complies	A 10% w/v solution in CO_2 -free water is clear, and not more intensity coloured than reference solution YS6.
5	Acidity or alkalinity	0.16 ml	Not more than 0.2ml of 0.1M hydrochloric acid or 0.2 ml of 0.1M sodium hydroxide should be required to change the Colour of the solution.
6	Arsenic	Complies	Not more than 2 ppm
7	Heavy metals	Complies	Not more than 10 ppm
8	Chlorinated compounds	Complies	Filtrate Complies with limit test for chloride
9	Loss on Drying	1.59 %	Not More than 2.0%
10	ASSAY(on dried basis)	99.47 %	99.0% to 100.5%

Remark:- The Sample Complies / ~~do not complies~~ with IP-2022 Specificationof the Quality &Quantity & shown the above results.

Storage :- Store Protected From Moisture &Preserve in Well-Closed Containers.

Prepared By	Checked By
Quality Assurance Executive	Quality Assurance Manager