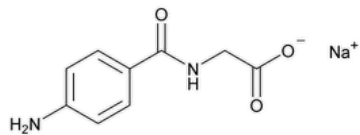


Status: Currently Official on 13-Feb-2025
Official Date: Official as of 01-May-2018
Document Type: USP Monographs
DocId: GUID-169B509C-8EB6-4EFA-895C-9A9501042F2F_3_en-US
DOI: https://doi.org/10.31003/USPNF_M3000_03_01
DOI Ref: 08rww

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Aminohippurate Sodium Injection



$C_9H_9N_2NaO_3$ 216.17
Glycine, *N*-(4-aminobenzoyl)-, monosodium salt;
Monosodium *p*-aminohippurate CAS RN®: 94-16-6; UNII: SU03KVS109.

DEFINITION
Aminohippurate Sodium Injection is a sterile solution of Aminohippuric Acid in Water for Injection prepared with the aid of Sodium Hydroxide. It contains NLT 95.0% and NMT 105.0% of the labeled amount of aminohippurate sodium ($C_9H_9N_2NaO_3$).

IDENTIFICATION

- A.**
Sample solution: A volume of Injection equivalent to 100 mg of aminohippuric acid
Analysis: Dilute the *Sample solution* with water to 50 mL. To 5 mL of this solution add 0.5 mL of 3 N [hydrochloric acid](#), 0.5 mL of [sodium nitrite](#) solution (1 in 10), and a solution of 0.20 g of [2-naphthol](#) in 10 mL of [6 N ammonium hydroxide](#).
Acceptance criteria: A red color is produced.
- B.**
Sample solution: A volume of Injection equivalent to about 200 mg of aminohippurate sodium
Analysis: In the order named, add to the *Sample solution* 2 mL of [potassium iodide TS](#), 10 mL of water, and 5 mL of [sodium hypochlorite TS](#).
Acceptance criteria: A red color is produced.
- C.** A sample imparts an intense yellow color to a nonluminous flame.

ASSAY

- PROCEDURE**
Sample solution: A volume of Injection equivalent to 1 g of aminohippurate sodium
Analysis: Transfer the *Sample solution* to a 200-mL volumetric flask, and dilute with water to volume. Transfer 50.0 mL of the solution to a suitable container, and add 5 mL of [hydrochloric acid](#). Proceed as directed in [Nitrite Titration \(451\)](#), beginning with “cool to about 15°”. Each mL of 0.1 M [sodium nitrite](#) is equivalent to 21.62 mg of aminohippurate sodium ($C_9H_9N_2NaO_3$).
Acceptance criteria: 95.0%–105.0%

SPECIFIC TESTS

- pH (791):** 6.7–7.6
- BACTERIAL ENDOTOXINS TEST (85):** NMT 0.04 USP Endotoxin Units/mg of aminohippurate sodium
- OTHER REQUIREMENTS:** Meets the requirements in [Injections and Implanted Drug Products \(1\)](#).

ADDITIONAL REQUIREMENTS

- PACKAGING AND STORAGE:** Preserve in single-dose or multiple-dose containers, preferably of Type I glass.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
AMINOHIPPURATE SODIUM INJECTION	Documentary Standards Support	SM32020 Small Molecules 3

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. PF 41(5)

Current DocID: GUID-169B509C-8EB6-4EFA-895C-9A9501042F2F_3_en-US

Previous DocID: GUID-169B509C-8EB6-4EFA-895C-9A9501042F2F_1_en-US

DOI: https://doi.org/10.31003/USPNF_M3000_03_01

DOI ref: [08rwu](#)

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