

## CERTIFICATE OF ANALYSIS

**Product:** SAH-Na, S-adenosylhomocysteine (SAH) sodium salt solution

**Catalog Number:** AST00301

**Lot Number:** Lot# ASP421810

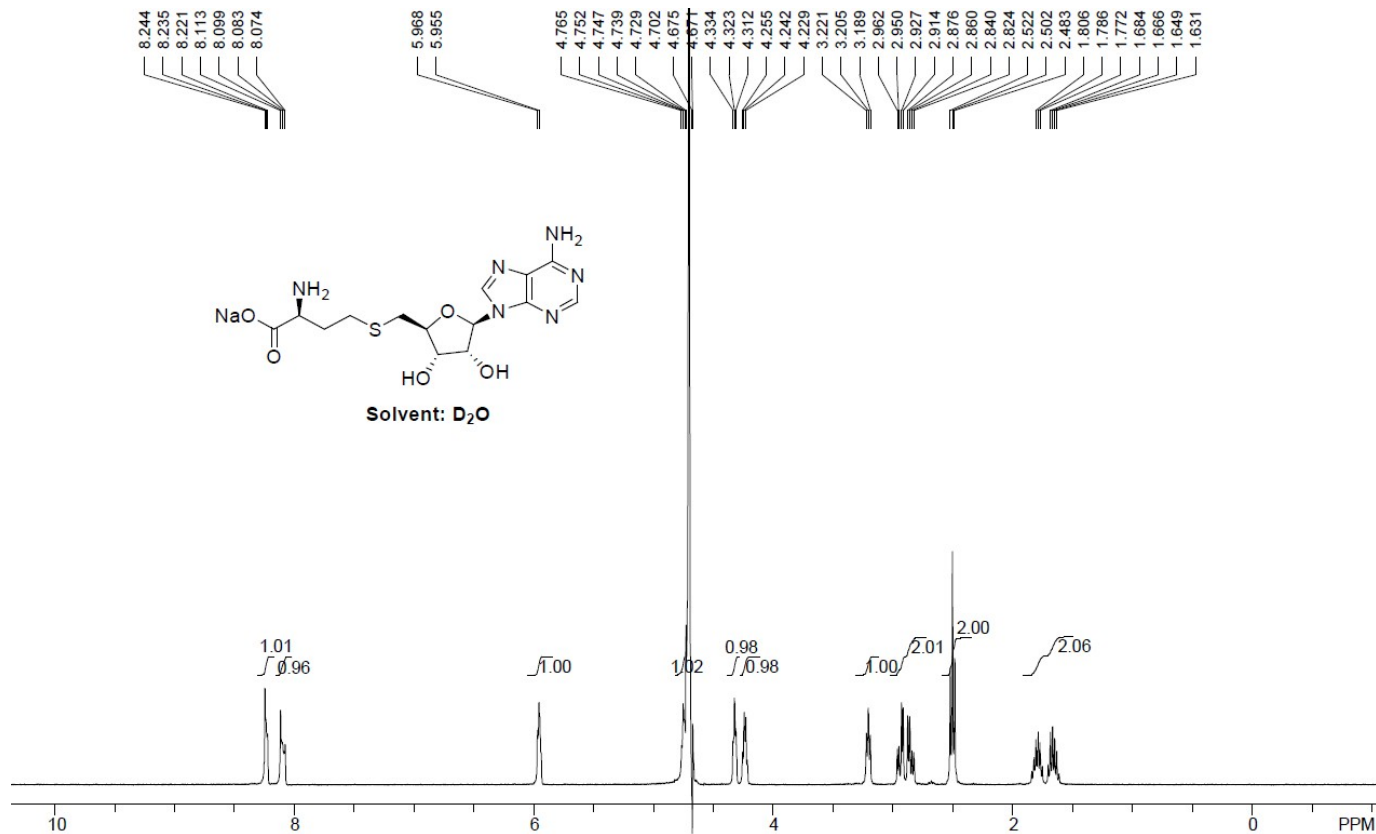
**Quality Release Date:** May 17, 2018

Test	Specification	Result
Appearance	Clear liquid	Clear solution
Concentration	1406uM	Preparation: Weigh 57.15mg of SAH-Na powder (see below), dissolve it to 100ml double distilled water or 10mM PB pH 7.4. Mix it thoroughly, aliquot and stored in a freezer below -25°C.
Storage buffer	10mM PB pH 7.4 150 mM NaCl, 0.5%BSA, 0.1% Proclin	10mM PB pH 7.4 150 mM NaCl, 0.5%BSA, 0.1% Proclin
Stability (below -25°C)	Long term	>3 years

Making 4uM SAH-Na solution: Take 284.50ul of stock SAH-Na solution (1406uM), add 99.7155ml IB (10mM PB pH 7.4 15mM NaCl, 0.5%BSA, 0.1% Proclin) to 100ml. Aliquot the final solution as necessary.

Stability of SAH-Na has been evaluated every year by performing the same ELISA assay. The results indicated concentrations of SAH-Na among different aged samples do not show obvious difference.

5'-DEOXY-S-ADENOSYL-LHOMOCYSTEINE (CAS# 979-92-0) sodium: Light yellow powder, MW 406.39, C<sub>14</sub>H<sub>20</sub>N<sub>6</sub>O<sub>5</sub>SNa, > 98% purity. MRI scan is as flows:



*Jimmy Li*

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Quality Control Team