

ASEA Quality Assurance System

In order to ensure the highest quality product, ASEA's quality assurance team implements several in-process controls and material inspections throughout the various stages of the ASEA production and manufacturing process. These stages include receiving, manufacturing, bottling and packaging, and shipping and distribution. The ASEA manufacturing facility is an FDA approved facility that operates under cGMP compliance. ASEA is overseen by the Utah Department of Agriculture and is a Kosher certified facility.

Receiving:

When Raw Materials are received, they are immediately placed in quarantine and inspected according to SOP WH001, and sampled according to SOP QC024. Raw material samples are tested for identity and purity against their Certificate of Analysis to ensure only the best ingredients go into making ASEA. Raw materials generated in house, such as distilled water, are tested according to the ASEA specification for said raw material.

When primary packaging materials are received, they are placed in the Incoming Goods area according to SOP WH001, sampled and inspected by quality control according to SOP QC024. Samples are compared to the ASEA component specification for the material being examined and require QC approval before being used in ASEA production.

Manufacturing:

ASEA manufacturing begins with a multi-stage water purification process. As mentioned in the Raw Material section, ASEA generated Distilled water is tested according to its specification.

The second raw material for ASEA is food grade salt. After our salt is tested for identity and purity, it is added to our distilled water to make a concentrated brine solution. Brine is tested as per in-process controls to ensure correct brine concentration is met.

Brine is then used to make large volumes of saline solution. Saline is also tested as per in-process controls to validate the correct salinity is met.

The saline is then chilled to specific temperature, at which point it undergoes electrochemical processing at specific amperage for a specific amount of time. Again, in-process controls are in place to ensure the process is within specification.

After electrochemical processing, Bulk ASEA is sampled and stored while it undergoes quality testing.

If the Bulk ASEA passes the above quality tests, it is marked as approved by QA and ready for bottling and production.

ASEA Bottling and Packaging:

Primary Packaging materials such as caps, bottles and labels are inspected upon receipt from our approved vendors. Labels are particularly regulated and, upon receipt, must be placed in a controlled quarantine area until they can be inspected and approved by QA.

ASEA is bottled in a positive-pressure clean room to ensure that no contamination enters our product. The room is cleaned and sanitized at the end of every day and contact surfaces are tested for the presence of microbes before the start of every production day. In addition, quality control personnel operate on the line to inspect and evaluate the production process to ensure every bottle of ASEA is produced according to specification.

Retained samples are pulled from every finished batch of ASEA, as well as samples for quality assurance tests such as Micro and identity.

Shipping and Distribution

After finished ASEA product passes all quality assurance tests, it is shipped to our 3rd party logistics (3PL) warehouses. The QA team receives weekly status reports from the 3PL for all ASEA lots at the 3PL facility.

The operations team at the manufacturing facility does the best to ensure the our associates receive the highest quality product.

Sincerely,

The Quality Assurance Team.