



## Receipt and Handling of SPLASH<sup>®</sup> Mixtures

**First, we want to extend our heartfelt gratitude to all our valued customers who have chosen Avanti Polar Lipids for their research needs, particularly for selecting our SPLASH<sup>®</sup> Mixtures. Your trust in our products is truly appreciated. We take pride in providing you with the highest quality lipids, meticulously crafted to meet the exacting standards of your research. Your continued support drives us to push the boundaries of lipid science and innovation. Thank you for being an integral part of our journey as we work together to advance scientific discovery. Your success is our success, and we look forward to serving you with excellence in the future.**

**Again, thank you for choosing Avanti Polar Lipids.**

### **You have just received your SPLASH<sup>®</sup> Mixture – now what?**

Once you have received your order of any of our SPLASH<sup>®</sup> Mixtures, please observe the following steps to ensure best use of the product:

#### **1. Verify you have the proper product and record the lot number**

a. Enter the product number into the “Search Products” bar on the Avanti website (<https://avantilipids.com>) to take you to the product page, and enter your lot number into the Certificate of Analysis box at the bottom of the page



A screenshot of the Avanti website search bar. It shows a search bar with a dropdown menu containing the following options: Info, Data, Downloads, and References. Each option is preceded by a downward-pointing chevron.

Certificates of Analysis

Search by Lot No.

b. Select your lot number and download the Certificate of Analysis; this contains the information related to components and concentrations present in your mixture that may be needed during data analysis



A screenshot of the Avanti website Certificate of Analysis search bar. It shows a search bar with the text "330734W-1EA-01d" entered. Below the search bar, there is a link labeled "Certificate of Analysis (Lot No. 330734W-1EA-01D and 6988WAA01D)".

**2. If you are not ready to use the mixture, store in a freezer (-20°C)**

**3. When you are ready to add the mixture to your samples, remove it from the freezer and allow it to warm to room temperature**

**4. Carefully remove the label from the ampule using scissors**

**5. Sonicate the sealed ampule until the solution appears clear with no floating matter to ensure lipids are fully in solution**

**6. Allow the sealed ampule to rest at room temperature for approximately 5 minutes after sonication**

**7. Open the ampule, and proceed with your experiment (see Extraction Protocol on the Avanti Lipidomics page if necessary)**

**8. All SPLASH<sup>®</sup> mixtures are designed as single-use; storage after opening is not recommended as concentrations will change over time**

**More than  
Lipids**

Solutions for the entire product cycle:  
research to commercialization.