

Technical Bulletin

Subject: Appearance and Handling of Substrate Reagent (LOT Numbers Beginning with "SN")

Date: 2025-10-13

To: Laboratory Personnel and Technicians

From: Quality Assurance, Monobind Inc.

It has been observed that the Substrate Reagent with LOT numbers beginning with "SN" may occasionally develop a white, flaky precipitate within the bottle during storage or transportation. The presence of this precipitate does not affect the performance of the assay. However, if flakes are inadvertently pipetted into microwells, they may block light transmission or distort absorbance readings in microplate spectrometers.

To ensure accurate and reliable assay results, please follow these guidelines:

1. Before beginning the assay, inspect the Substrate Reagent bottle for visible flakes.
2. If flakes are present, pour the reagent into a clean, clear container to facilitate easier pipetting and visual monitoring.
3. Allow the precipitate to settle at the bottom of the container. Pipette only from the clear supernatant to avoid transferring solid material.
4. **Do not attempt to filter** the Substrate Reagent. Certain filter papers may initiate premature color development, compromising reagent integrity.

Summary

- White flakes may appear in Substrate Reagent bottles (LOT "SN").
- Assay performance remains unaffected, but flakes must not be pipetted into microwells.
- Use a clean container and allow flakes to settle before pipetting.
- Do not filter the reagent.

For further questions or concerns, please contact:

techsupport@monobind.com

Sincerely,



Christian Ayoub
Director of R&D

