

# Scoop

## THE LATEST TRENDS, SERVICES & PROMOTIONS

HARDLINES

JANUARY 2024

## Understanding Bisphenol S (BPS) & its Danger to your Health

Over the years, researchers worldwide have raised their concern over the use of BPA in plastic wares, food cans, thermal papers, etc., since BPA has been reported to exert significant health-related and environmental toxic effects.

Amidst these concerns, bans/regulations have been imposed on the use of BPA by governments in several countries. Hence, manufacturers are gradually replacing BPA with its analogues, such as **Bisphenol S (BPS)**. Due to its heat-resistant property, it is less likely to leach out, as compared to BPA and is hence considered safe for use.

Although BPS is currently considered to be the least toxic chemical in the family of bisphenols (BPA, BPG, BPS and BPF), emerging evidence has indicated that even BPS is not a safe substitute; by contrast, BPS exerts biological disruptive effects which are similar to or even more prominent than those of BPA, which are commonly used in thermal paper, hard plastic items (such as toys), and synthetic fibers for clothing and textiles.



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On December 29, 2023, the California Office of Environmental Health Hazard Assessment (OEHHA) added bisphenol S (BPS) to the Prop 65 list of chemicals as a female reproductive toxicant.

Highlights of the listing of BPS are summarized below/

SUBSTANCE (CAS #)	DATE LISTED	COMPLIANCE DATE FOR "CLEAR & REASONABLE WARNING"
BPS (80-09-1)	December 29, 2023	December 29, 2024

In Prop 65, one important provision for companies doing business in California is to provide a clear and reasonable warning before knowingly and intentionally exposing anyone to a listed chemical. Unless exempt, businesses have 12 months to comply with this requirement once a chemical is listed.

California Proposition 65 (Prop 65) services from **SGS** can provide testing services for different variants of bisphenols. Stakeholders in California, USA, need to be aware of and comply with this legislation.

TEST ITEM	DIRECTIVE / TEST METHOD	PRICE
Bisphenol A, Bisphenol S, Bisphenol F, Bisphenol B, and Bisphenol AF content	In-House method, by LC-MS/MS analysis	HKD 1,200
* Up to 5 items ** Each additional item: HKD 120		

For enquiries, please contact our Sales Associates for details!

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