



## **Statement of the North American Metal Packaging Alliance, Inc.**

### **NAMPA Questions Validity of Study Connecting Bisphenol A (BPA) with Autism**

The North American Metal Packaging Alliance, Inc. (NAMPA) released the following statement in response to a publication in the upcoming *Autism Research* journal titled “Bisphenol A Exposure in Children With Autism Spectrum Disorders,” by T. Peter Stein. The following statement is attributed to NAMPA’s Chairman, Dr. John M. Rost:

“The researchers’ reliance on a one-time measurement of BPA gives little to no information about a person’s exposure for even that day, much less a lifetime exposure.

“In addition, the study results outlined in the *Autism Research* journal article are extremely suspect because they fall far outside the established values set by comprehensive pharmacokinetics research on BPA metabolism that has been published over the last several years. The metabolism of BPA by humans has been well-characterized in numerous studies. Published data from the United States Food and Drug Administration (FDA), the Centers for Disease Control and Prevention (CDC), and the Pacific Northwest National Laboratory (PNNL), as well as data from a National Institute for Environmental Health Sciences (NIEHS) funded study shows that humans metabolize more than 99 percent of ingested BPA. In fact, these researchers have discovered that any data showing less than 99 percent metabolism is a clear indication that contamination within the study occurred, which is the case with this study.

“The fact that this paper reports data from both the autism spectrum disorder (ASD) and control groups with metabolism rates as low as 87 percent and 77 percent, respectively, should have alerted researchers that they had a significant contamination issue. It is concerning that in this study, human metabolism was reported significantly less than 99 percent of ingested BPA, but apparently this issue was never raised during the peer review process.”

[NAMPA has prepared a scorecard on this study](#), comparing the study design and other parameters against criteria established by FDA for pharmacokinetic studies. The study failed four of the seven criteria.

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### **About NAMPA**

The North American Metal Packaging Alliance, Inc. and its members support sound science and trust the scientific review process that has protected our food supply for decades. For further information, visit [www.metal-pack.org](http://www.metal-pack.org).

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