

Reference Material Cereulide in infant formula (spiked)

P2627-RMif2



Summary

Reference material P2627-RMIf2 is validated in the ring test P2627-RT, which is organised, performed, and evaluated according to the requirements of DIN EN ISO/IEC 17043 and the “International Harmonized Protocol”. DIN ISO 13528 is considered during the evaluation of the submitted results and during homogeneity testing. Details related to the applied statistics are summarised in the full specification, which is provided after purchase of the reference material.

Reference material P2627-RMIf2 consists of commercially available infant formula (50 g), which is spiked with cereulide (see table 1). The corresponding unspiked infant formula (50 g, cereulide < 0.1 µg/kg) is available as blank material P2627-BLIf.

It is recommended to reconstitute the sample (solve the powder in water) before extraction.

The reference material is validated in ring test P2627-RT with 34 laboratories. The assigned value is calculated of the results of the participants of the ring test P2627-RT. The assigned value refers to the concentration level of cereulide in the powder, not in the reconstituted (solved) material.

Table 1. Spiked level and assigned value

Parameter	Spiked level [µg/kg]	Assigned value [µg/kg]	Total number of results
Cereulide	1.6	1.36	34