

Infant formula

Art. ID	ERM-BD087
Unit	30 g
Deliverydetails	No Dangerous Good /not restricted

Description

ERM-BD087 is an infant formula containing fatty acid esters of 3-MCPD and 2-MCPD. The material is available in glass bottles containing at least 30 g of spray-dried infant formula powder, sealed under an atmosphere of nitrogen.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
3-monochloropropanediol fatty acid esters, expressed as 3-MCPD [CAS 96-24-2].	3-Chloro-1,2-propanediol (3-MCPD)	[96-24-2]	70 ± 10	µg/kg	GC-MS and GC-MS/MS after hydrolysis	
2-monochloropropanediol fatty acid esters, expressed as 2-MCPD [CAS 97-04-1].	2-Chloro-1,3-propanediol (2-MCPD)	[497-04-1]	30 ± 5	µg/kg	GC-MS and GC-MS/MS after hydrolysis	
Sum of 3-monochloropropanediol (3-MCPD) and 3-MCPD fatty acid esters, expressed as 3-MCPD.	3-Chloro-1,2-propanediol (3-MCPD)	[96-24-2]	70 ± 10	µg/kg	GC-MS and GC-MS/MS after hydrolysis	
Sum of 2-monochloropropanediol (2-MCPD) and 2-MCPD fatty acid esters, expressed as 2-MCPD.	2-Chloro-1,3-propanediol (2-MCPD)	[497-04-1]	30 ± 5	µg/kg	GC-MS and GC-MS/MS after hydrolysis	