



Food Additives

## DM PF 109

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### Product Description

DM PF 109 is a white or yellowish powder. It is hardly soluble in water but soluble in acids. It is stable and can withstand high temperature. It can be used as an enhancer of iron in various foods.

### Benefits

- DM PF 109 has a little taste of iron and particularly suitable for milk powders.
- Free-flowing powder.
- It is easier to handle in the process.
- DM PF 109 is not hazardous like iron powders.
- DM PF 109 is can be customized for different areas.
- Low sulfate content, due to its special product processing.

### Specifications

Characteristics	Unit	Standard Request	Test Method
Iron Assay	% (w/w)	24.0~26.0	FCC V
Loss on burning	% (w/w)	20 Max	FCC V
Arsenic(As )	ppm	3 Max	FCC V
Lead Content (Pb)	ppm	4 Max	FCC V
Mercury content (Hg)	ppm	3 Max	FCC V
Bulk density	kg/m <sup>3</sup>	300~400	FCC V
Particle Size	over 250 µm (%)	100	FCC V

<sup>1</sup>) Delivery specification: The product is monitored on a regular basis to ensure that it adheres to the specified values.

<sup>2</sup>) Technical data: The technical data are used solely to describe the product and are not subject to regular monitoring.

### Applications

DM PF 109 may be used as a source of fortified iron, iron pyrophosphate in flour, rice noodles, fruit juice, bakery products, health products, medicine, etc. It is also can be applied to milk powder, infant foods, high iron cereals, sandwich sugar.

### Delivery Form

White powder or yellowish powder.

### Packaging

DM PF 109 is supplied in 25 kg bags / 750 kg shrink-wrapped pallets.

### Storage

DM PF 109 is non-hygroscopic. However, when stored in open container, the product can still absorb small amounts of moisture owing to the high surface area of the powder. It is in sealed containers at room temperature in a dry place. Partially emptied containers should be carefully resealed after use.

Minimum shelf life is 24months from the date of shipping when stored according to the said conditions.

### Contact Us

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).