

Advance In-Organics

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CERTIFICATE OF ANALYSIS

Product Name	Ferric Pyrophosphate (Insoluble)
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BATCH NO	Mfg. Date	Exp.Date
AIO/FPP/20220729	29-JULY-2022	28-JULY-2024

General Characteristics			
Formula	Fe ₄ (P ₂ O ₇) ₃ .x H ₂ O	Description	Tan or yellow-white Powder
Molecular weight	745.22 g/mol	Solubility	Insoluble in water but soluble in mineral acids.
CAS Number	10058-44-3		
HS Code	28352990		

Pharmacopoeia and additional Monograph

The product is primarily intended to be used as raw material in foods and pharmaceuticals and corresponds to the latest editions of FCC monograph.

Physical Analysis

Passing through 60# (250 µm)	Min. 100%
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Chemical Analysis

Properties	Method	Specification Values			Result
		Unit	Min.	Max.	
Identification	FCC	---	To comply with the test		Compiles
*Arsenic	ICP-MS	ppm	---	3	2
*Lead	ICP-MS	ppm	---	4	1.8
*Mercury	ICP-MS	ppm	---	3	0.7
Assay (as Iron) as such basis	FCC	%	24.0	26.0	24.72
Loss on Ignition (at 800°C for 1 hr)	FCC	%	----	20.0	19.3

* To comply with the test

Shelf Life	2 years from the date of manufacture.
Storage Recommendations	Store in a cool, dry place in closed container.
Packaging	25 kg net weight packed in white paper lined HDPE bag / HDPE woven sac bag/

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