

Specification

Technical Data Sheet

CAS 13463-10-0	STORAGE Ambient	MOLECULAR WEIGHT 186.85
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PRODUCT**Iron (III) phosphate dihydrate**

Product number	50265399
CAS number	13463-10-0
Molecular formula	FePO ₄ •2H ₂ O
Molecular weight	186.85 g/mol

PARAMETER	SPECIFICATION
Appearance	Light peach to brown powder
Assay	≥ 75% (theoretical, based on iron content)
Loss on Ignition	≤ 2.5%
Iron (Fe)	≥ 29.1%
Particle Size	2-5 (D50)
Phosphorous (P)	≥ 16.1%
Tapped Density	≥ 1.0g/cm ³
Arsenic (As)	≤ 10ppm
Lead (Pb)	≤ 10ppm
Magnesium (Mg)	≤ 100ppm
Mercury (Hg)	≤ 10ppm
Potassium (K)	≤ 100ppm
Sodium (Na)	≤ 100ppm

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.
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Molekula Ltd would like to thank you for your support of our products and service.
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