

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Liposomal iron		
<b>Batch Number</b>	20251015	<b>Manufacture Date</b>	20251015
<b>Report Date</b>	20251015	<b>Expiry Date</b>	20271014

Item of Analysis	Specification	Results	Test Methods
Assay	≥50%	50.36	HPLC
Appearance	Off white color	Conform	Visual
Odor	Natural smell and Characteristic	Conform	Organoleptic
Mesh Size	100%pass80mesh	Conform	Mesh screen or equivalent
Grain size	100-300nm	Conform	Electron micrographs
Identification	Samples are consistent with laboratory reference standards	Conform	TLC
Ash Content	NMT 5.0%	3.87%	Eur.Ph.<2.4.16>
Loss on drying	NMT5.0%	3.50%	Eur.Ph.7.0[2.8.17]
Heavy Metal	NMT20 ppm	Conform	ICP-MS or equivalent
Lead	NMT2ppm	Conform	ICP-MS or equivalent
Cadmium	NMT 1 ppm	Conform	ICP-MS or equivalent
Mercury	NMT 1 ppm	Conform	ICP-MS or equivalent
Arsenic	NMT 2ppm	Conform	ICP-MS or equivalent
Total Plate Count	NMT10,00 cfu/g	Conform	AOAC or equivalent
Yeast& Mold	NMT1,00 cfu/g	Conform	AOAC or equivalent
E.Coli.	Negative	Conform	AOAC or equivalent
Salmonella	Negative	Conform	AOAC or equivalent
Staphylococcus	Negative	Conform	AOAC or equivalent

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 18 months if store under the conditions above and stay in original packaging.

