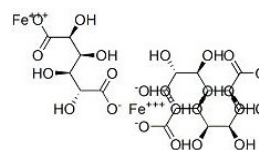


Certificate Of Analysis

Name: Iron saccharate
CAS NO.: 8047-67-4
Cat NO.: A839923
Batch No.: I05032013
Mfg.Date: 2013-03-05
Exp.Date: 2015-03-04



Items	Specifications	Results
Appearance	Brown to dark brown powder	Conforms
Identification A	Conform to USP Iron test	Conforms
Identification B (Sucrose)	The retention time of the major peak in HPLC of the assay determination corresponds to that in the chromatogram of the standard determination under assay for sucrose	Conforms
Limit of Iron(II)	NMT 0.4%	0.18%
pH	10.5~11.1	10.8
Content of Chloride	NMT 0.075%	0.042%
Turbidity (pH)	4.4~5.3	4.7
Specefic gravity	1.135~1.165(20°C)	1.146
Osmolarity	1150~1350mOsmol/L	1280 mOsmol/L
Alkalinity	0.5~0.8ml/ml	0.66 ml/ml
Mw	34000~60000 Da	45200
Mn	NLT 24,000 Da	36400
Mw/Mn	NMT 1.7	1.24
Loss on Drying	NMT 2.5%	2.0%
Heavy Metal	NMT 25 ppm	Conforms
Arsenic	NMT 4 ppm	Conforms
Assay-Sucrose	NLT 80% (on as is basis)	85.8%
Assay-Iron	5.0%~6.0% (on as is basis)	5.68%
Conclusion	The product tested complies with the specifications	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

** if you have any comments and suggestions, please contact us by sales@amadischem.com*