

Item Number	FE109
Item	Ferrous Gluconate, USP
CAS Number	12389-15-0
Molecular Formula	$C_{12}H_{22}FeO_{14} \cdot 2H_2O$
Molecular Weight	482.17
MDL Number	
Synonyms	Iron (II) Di(D-gluconate)

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	97.0	102.0 %
LOSS ON DRYING	6.5	10.0 %
CHLORIDE (Cl)		0.07 %
SULFATE		0.1 %
OXALIC ACID	NO TURBIDITY IS PRODUCED WITHIN 5 MIN.	
ARSENIC (As)		3 ppm
FERRIC IRON (Fe <sup>o</sup> )		2.0 %
LEAD (Pb)		10 ppm
MERCURY		3 ppm
REDUCING SUGARS	NO RED PRECIPITATE IS FORMED WITHIN 1 MIN	
ELEMENTAL IMPURITIES:		
COBALT (Co)	AS REPORTED	
IDENTIFICATION (TLC)	SAMPLE PRINCIPLE SPOT IN COLOR, SIZE, R <sub>f</sub> VALUE CORRESPOND WITH REFERENCE	
IDENTIFICATION (B)	POSITIVE FOR FERROUS IRON	
CERTIFIED KOSHER		
CERTIFIED HALAL		
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

***Spectrum Chemical Mfg Corp***

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