	PRODUCT SPECIFICATION	EP 025
USIQUÍMICA		REV 04

IDENTIFICATION	
Chemical name	98% Sulfuric Acid
Formula	H_2SO_4
CAS Number	7664-93-9

PHYSICAL - CHEMICAL CHARACTERISTICS				
Appearance	Corrosive, viscous liquid with a light brown to milky color.			
Characteristic	**Unit**	**Minimum**	**Maximum**	**Method**
Concentration	%	98.0	-	IT.CQ-0011
Density 20°C	g/mL	1.825	-	IT.CQ-0011
Iron content	ppm	-	30	supplier specification

MAIN APPLICATIONS
Textile, metallurgy, rubber, industrial gases, soap and detergents, sugar and alcohol, electroplating, fertilizers, mineral treatment, sulfate manufacturing and chemical industries in general.

OTHER INFORMATION	
UN No.	1830
Risk No.	80
Packaging	In bulk or polyethylene bottles.
Cautious	Toxic and corrosive product. Reacts violently with water generating exotherm, avoid contact with organic products, which may react violently and cause fire. Avoid contact with any part of the body, it can cause severe burns. Reaction with water or moisture in the air releases toxic, corrosive and flammable gases. Contact with certain metals can release flammable gas and hydrogen. PPE's to be used: Long sleeve gloves, PVC boots and clothing, goggles or a visor.
Storage	Keep stored in a covered and ventilated place away from organic and combustible products.
Validity	12 months, depending on ideal storage conditions.
Legal requirements	Product controlled by the Federal Police - FP.

	Code	Description
Technical Specifications	109.01.0	98% Sulfuric Acid
	109.71.0	Sulfuric Acid 98% - CPVD
	109.67.0	Sulfuric Acid 98% - DVVD
	109.72.0	Sulfuric Acid 98% - ELVD
	109.68.0	Sulfuric acid 98% - MGVD
	109.73.5	Sulfuric Acid 98% - CNVD
	109.13.0	Industrial Sulfuric Acid L BB30IN
	109.15.0	Industrial Sulfuric Acid BB50IN
	109.19.0	BBC Industrial Sulfuric Acid
	109.49.0	IBCCL Industrial Sulfuric Acid
	109.22.0	Industrial Sulfuric Acid TP200IU

HISTORY OF CHANGES		
Date	**Revision**	**Comments of Changes**
2013-08-10	02	Update of the document layout and technical instruction for product analysis.
-	03	Revision of the form due to approval via the Qualiex system and updating of the codes in the Omega system. Unification of EP's 0025 to EP0029.
-	04	Inclusion of iron content analysis.