

# Standard Analysis Certificate

**PRODUCT** :HYDROCHLORIC ACID 32% RPE-ISO  
**CODE** :403980

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour (APHA)	-	<=10
Identification	-	Positive
Density at 20° C	-	1.159 - 1.164
Ammonium	ppm	<=1
Bromide	ppm	<=50
Free chlorine	ppm	<= 4
Phosphate	ppm	<=0.5
Heavy metals (Pb)	ppm	<=1
Residue on ignition	ppm	<=5
Sulphate	ppm	<=0.8
Sulphite	ppm	<=0.5
Al	ppm	<=0.05
As	ppm	<=0.01
Ba	ppm	<=0.1
Be	ppm	<=0.02
Bi	ppm	<=0.05
Ca	ppm	<=0.5
Cd	ppm	<=0.005
Co	ppm	<=0.01
Cr	ppm	<=0.02
Cu	ppm	<=0.01
Fe	ppm	<=0.1
Hg	ppm	<=0.1
Li	ppm	<=0.05
Mg	ppm	<=0.3
Mn	ppm	<=0.01
Mo	ppm	<=0.05
Na	ppm	<=5
Ni	ppm	<=0.02
Pb	ppm	<=0.05
Sr	ppm	<=0.02
Ti	ppm	<=1
Tl	ppm	<=0.05
V	ppm	<=0.5
Zn	ppm	<=0.5
Zr	ppm	<=0.05
Assay (acidimetric)	%	32.0 - 33.0

**Date** :11/01/2020

**QUALITY CONTROL RESPONSIBLE**  
**B. COULANGE (VDR)**