



# 35% Hydrochloric Acid Specifications

## 35% HCl – Technical Grade

<u>ITEMS</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
Hydrochloric Acid (HCl)	34.2 ~ 36.3 wt%	Equivalence Point Titration
Color	20 APHA Max	ASTM E202
Iron (Fe)	3 mg/L Max	ICP or ASTM E224
Specific Gravity	1.16 ~ 1.18 @ 60F	ASTM D4052
NVR	100 wt ppm Max	FCC V
Oxidizers as Cl <sub>2</sub>	30 wt ppm Max	FCC V
Reducing Substances as SO <sub>3</sub>	70 wt ppm Max	FCC V
Heavy Metals, as Pb	1 mg/L Max	ICP
Sulfate	20 mg/L Max	ICP or FCC V
Volatile Organic Compounds	5 mg/L Max	Purge & Trap GC/MS

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