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Certificate of Analysis (CoA)

Product Name: Hydrochloric Acid ACS Reagent Grade
PO #:
Lot Number:
Expiration Date: 4-11-2016

Grade:
Customer PN:
Quantity Shipped:
Product Number:

Analysis Parameter	Results	Specification
Assay, % HCL	37.37	36.5-38.0
Specific Gravity	1.1895	1.1856-1.1924
Appearance	Pass	Free of suspended matter
Color (AFHA)	<10	10
Extractable organics, ppm	<2	5 ppm
Free Chlorine (CL ₂), ppm	<1.0	1 ppm
Iron (Pb), ppm	<0.2	0.2 ppm
Bromide (Br), ppm	<50	50 ppm
Residue after ignition	<3	5 ppm
Heavy Metals as (Pb)	<0.1	0.1 ppm
Certificate of Assurance		
Ammonium (NH ₄), ppm	<3	3 ppm
Arsenic (As), ppm	<5	10 ppm
Lead (Pb), ppm	<1	1 ppm
Sulfate (SO ₄), ppm	<0.5	1 ppm
Sulfite (SO ₃), ppm	<0.8	1 ppm
Phosphate (PO ₄), ppm	<0.05	0.05 ppm

Approval Signature 