

36 months

## **Certificate of Analysis**

## Hydrochloric Acid, 20% (v/v)

Lot Number: 1404K30 Product Nu	1 <b>mber:</b> 3574	Manufacture Date: APR 24, 202 Expiration Date: APR 202
Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS
Test	Specification	Result NIST SRM#
Appearance	Colorless to slightly greenish-yellow liqu	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	19.92-20.08 % (v/v)	20.02 % (v/v) 84
Specification	Reference	
Hydrochloric Acid (1+4)	ASTM (D 4994 B)	
Hydrochloric Acid Solution (1:4)	EPA (320.1)	
Hydrochloric Acid (1+4)	ASTM (D 932)	
Hydrochloric Acid (1+4)	ASTM (D 1126)	
Hydrochloric Acid (1+4)	ASTM (D 1425)	
traceable to the NIST national mass standard. Thermome	l NIST Procedure NBSIR 74-46 ters and temperature probes ar e prepared according to master	61. Balances are calibrated regularly with weights certified re calibrated before first use and recalibrated regularly with a r documents that assure manufacture according to validated
Part Number Size	/ Package Type	Shelf Life (Unopened Container)
3574-1 4 L r	natural poly	36 months
3574-16 500 1	nL natural poly	36 months
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 3574-2.5
 10 L Cubitainer®

 Recommended Storage: 15°C - 30°C (59°F - 86°F)

Heidi J Green (04/24/2024) Operations Manager

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