DASITGROUP | CARLO ERBA REAGENTS

ISO 9001: 2015

Carlo Erba Reagents S.A.S.
Parc d'Affaires des Portes
Chaussée du Vexin - BP 616
27106 Val de Reuil Cedex
Tél. : 02.32.09.20.00
Fax : 02.32.09.20.20

Z.I DE VALDONNE - BP 4
13124 PEYPIN
Tél.: 04.42.32.41.41
Fax : 04.42.72.41.62

Carlo Erba Reagents S.r.l.
Via R. Merendi, 22
20010 Cornaredo (Mi)
Tel. : 02 93 991 90
Fax : 02 93 991 001

Technical Specification

PRODUCT : Hydrofluoric acid 47-51% RS - Superpure - For trace analysis at ppb level

CODE : 405710

MOLECULAR WEIGHT : 20

CAS N° : 7664-39-3

FORMULA : HF

TEST	U.M.	SPECIFICATION
Assay (HF)	% (w/w)	47 - 51
Colour	APHA	<= 10
Chloride	ppm	<= 4
Fluosilicic Acid (SiF6)	ppm	<= 20
Total phosphorus	ppm	<= 0.05
Total sulphur	ppm	<= 0.1
Al	ppb	<= 1
Sb	ppb	<= 0.2
As	ppb	<= 0.5
Ba	ppb	<= 0.1
Be	ppb	<= 0.1
Bi	ppb	<= 0.1
B	ppb	<= 1
Cd	ppb	<= 0.1
Ca	ppb	<= 1
Ce	ppb	<= 0.1
Cs	ppb	<= 0.1
Cr	ppb	<= 1
Co	ppb	<= 0.1
Cu	ppb	<= 0.5
Dy	ppb	<= 0.1
Er	ppb	<= 0.1
Eu	ppb	<= 0.1
Gd	ppb	<= 0.1
Ga	ppb	<= 0.1
Ge	ppb	<= 0.1
Au	ppb	<= 0.2
Hf	ppb	<= 0.1
Ho	ppb	<= 0.1
In	ppb	<= 0.1
Fe	ppb	<= 1
La	ppb	<= 0.1
Pb	ppb	<= 0.1
Li	ppb	<= 0.1
Lu	ppb	<= 0.1
Mg	ppb	<= 1
Mn	ppb	<= 0.1
Hg	ppb	<= 1
Mo	ppb	<= 0.1
Nd	ppb	<= 0.1

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Ni	ppb	<= 0.5
Nb	ppb	<= 0.1
Pd	ppb	<= 0.2
K	ppb	<= 1
Pt	ppb	<= 0.2
Pr	ppb	<= 0.1
Re	ppb	<= 0.1
Rh	ppb	<= 0.1
Rb	ppb	<= 0.1
Ru	ppb	<= 0.1
Sm	ppb	<= 0.1
Sc	ppb	<= 0.1
Se	ppb	<= 1
Ag	ppb	<= 0.5
Na	ppb	<= 1
Sr	ppb	<= 0.1
Ta	ppb	Information only
Te	ppb	<= 0.1
Tb	ppb	<= 0.1
Tl	ppb	<= 0.1
Th	ppb	<= 0.1

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application. CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Date: 16/07/2026

Approved electronically, valid without a signature

QUALITY LABORATORY
TECHNICIAN
MAXIME DAMBRE

VAL DE REUIL