



# TEST REPORT

THE REPORTED TEST RESULTS RELATE ONLY TO THE ITEM(S) TESTED



The Elco Corporation, a company of Italmatch Chemicals Group  
1000 Belt Line St  
Cleveland, OH 44109-2800  
ATTN: Dave Morgan

Request ID: R-20191206-002  
Date: 12/12/2019  
PO Number: 70271208

Client Description Hydrochloric Acid

Sample No. S-191206-003 Customer ID: HOKX1322081019

Tests	Results/Units	Method
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<1 ppm	Wet Chemistry*
Residue On Ignition NF Method	<0.001 %	Wet Chemistry*

Sample No. S-191206-004 Customer ID: HOKX1322081019

Tests	Results/Units	Method
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<1 ppm	Wet Chemistry*
Residue On Ignition NF Method	<0.001 %	Wet Chemistry*

Sample No. S-191206-005 Customer ID: HOKX1322081019

Tests	Results/Units	Method
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<1 ppm	Wet Chemistry*
Residue On Ignition NF Method	<0.001 %	Wet Chemistry*

Sample No. S-191206-006 Customer ID: HOKX1322081019

Tests	Results/Units	Method
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<1 ppm	Wet Chemistry*
Residue On Ignition NF Method	<0.001 %	Wet Chemistry*

Sample No. S-191206-007 Customer ID: HOKX1322081019

Tests	Results/Units	Method
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<1 ppm	Wet Chemistry*
Residue On Ignition NF Method	<0.001 %	Wet Chemistry*

Methods noted with an \* fall outside of NSL's ISO 17025 Scope of Accreditation.

Definitions: NC - Nonconforming value, Min - Minimum, Max - Maximum. All quantitative analytical results are subject to variability due to the nature of testing. Estimated Uncertainty data is available upon request

These results relate only to the items tested and this report shall not be reproduced, except in full, without the written consent of NSL Analytical Services, Inc.

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Reporting Officer :

Carm D'Agostino, Technical Specialist

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