



TEST REPORT

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



Detrex Chemical
1000 Belt Line St
Cleveland, OH 44109
ATTN: Ray Gardner

Request ID: R-20170203-041
Date: 02/13/2017
PO Number: 34034

Client Description Hydrochloric Acid

Sample No. S-170203-096 Customer ID: Batch No: HOKX1321960816

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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

ALL QUANTITATIVE ANALYTICAL RESULTS ARE SUBJECT TO VARIABILITY DUE TO THE NATURE OF TESTING. ESTIMATED UNCERTAINTY DATA IS AVAILABLE UPON REQUEST.

NSL Analytical Services 4450 Cranwood Parkway Cleveland, Ohio 44128

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Reporting Officer :

Carm D'Agostino, Technical Specialist



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Sample No. S-170203-097 Customer ID: Batch No: HOKX132081116

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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PO Number: 34034

Client Description Hydrochloric Acid

Sample No. S-170203-098 Customer ID: Batch No: HOKX1325201016

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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PO Number: 34034

Client Description Hydrochloric Acid

Sample No. S-170203-099 Customer ID: Batch No: HOKX1327341016

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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PO Number: 34034

Client Description Hydrochloric Acid

Sample No. S-170203-100 Customer ID: Batch No: HOKX1321190816

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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Client Description Hydrochloric Acid

Sample No. S-170203-101 Customer ID: Batch No: HOKX1320420716

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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Client Description Hydrochloric Acid

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Sample No. S-170203-102 Customer ID: Batch No: HOKX1328140716

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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PO Number: 34034

Client Description Hydrochloric Acid

Sample No. S-170203-103 Customer ID: Batch No: HOKX1321300616

<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>
Non Volatile Residue FCC Method	<0.05 %	Wet Chemistry*
Residue After Ignition ACS Method	<0.0003 %	Wet Chemistry*
Residue On Ignition NF Method	<0.003 %	Wet Chemistry*

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