

CERTIFICATE OF ANALYSIS

Product Description HYDROCHLORIC ACID 1.0 N
 HYDROGEN CHLORIDE SOLUTION
Product Number H245
Lot Number 11E0245024
Storage Temperature Room Temperature
Molecular Weight 36.46
Formula HCl
CAS Number 7647-01-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
Physical Appearance		
Color	Colorless	Colorless
Texture	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Normality @ 20° C	0.995-1.005 N	1.0002 N

Biological Testing:

Test Concentration: 1.0 mL/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant tissue cultured lines to ensure there are no phytotoxic impurities that would cause morphological abnormalities.	African Violet	Passes
	Tobacco callus	Passes

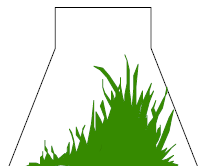
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. *PhytoTechnology Laboratories®* shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Recommended Shelf Life: May 2019



Gary Seckinger, Ph.D.



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Created on 20 June 2011 PN