

# CERTIFICATE OF ANALYSIS

Product Description      HYDROCHLORIC ACID 1.0N  
                                    HYDROGEN CHLORIDE SOLUTION  
Product Number          H245  
Lot Number                HYG0245053  
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

## Biological Testing:

Test Concentration: 5.0 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.	Parrot Feather	Passes
	Xanthi 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.

**PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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.**

Date of Release: 11-March-2026

Recommended Shelf-Life Date: March 2034

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