

Product Definition



Title: CHATA OTS 0.1N Hydrochloric Acid
 CAT. NO.: 56095P
 Active Date:
 Non-Active Date:
 Doc. No.0101 Rev. No. 002

Formulation:

1L batch Part Number: 56095P

Component	Quantity	Grade	CAS Number
Water	0.9917L	USP	7732-18-5
HCL 12.1N	0.0083L	ACS	7647-01-0
Filter using a 0.22 µm filter.			

Tolerance: All components are added to within ± 0.5% of total volume. Upon batch scale up/scale down, liters are rounded to two digits after the decimal point, grams and milliliters to one digit after the decimal point.

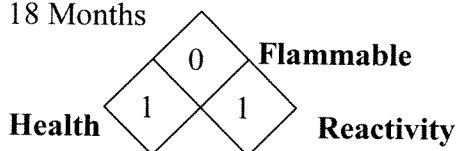
Density of Solution: *Theoretical calculation of density based on chemicals to be added, not by actual measurement.*

$$\frac{8.3\text{mL HCl}(1.19 \frac{\text{g}}{\text{mL}}) + 991.7\text{mL Water}(1 \frac{\text{g}}{\text{mL}})}{1000\text{mL Total Solution}} = 1.00 \frac{\text{g}}{\text{mL}}$$

Labeling:

Label Type: 8004
Name: 0.1N Hydrochloric Acid
 (CAS No.:7647-01-0; 7732-18-5)
Chata P/N: 56095P
Chata Lot No: L00....
Expiration: 18 Months

NFPA
 Health
 Codes:



Required Shipping Labels and Markings:

UN	Proper Shipping Name	Class	Packing Group	Marking & Labeling Req.
UN1789	Hydrochloric Acid	8	III	Corrosive Up Arrows

Other: CAN NOT SHIP BY AIR

Packaging:

All raw materials are opened and mixed in a certified ISO Class 7 clean room. Chata Biosystems, Inc. certifies that the product is formulated according to written Standard Operating Procedures using water that meets or exceeds USP Pharmaceutical Grade Water. All bags are Gamma irradiated.

Chata 100L Plastic drum. 100L plastic drum with one 3mil liner, a 100L bag, a polysulfone connector, two pinch clamps, and pharmed tubing protected by flexible conduit, filled through pharmed tubing.

QC Testing:

Expiration Date	pH	UV Scan	Sterility	Chloride Ion In process
18 Months	200 mL Sample containers	100 mL Sample container	200 mL Sample sterile bag	500 mL Sample container

Test	Test Method	Specifications
pH	Potentiometric Method SOP-11-006	N/A
UV	UV/Vis Spectrophotometer SOP-21-005	No Observable Peaks
Fluid Thioglycollate Medium	USP 71	No Growth
Soybean-Casein Digest Medium	USP 71	No Growth
Chloride Ion Concentration	Titration SOP-20-001	0.1000N ± 0.0010

CHATA Biosystems, Inc.

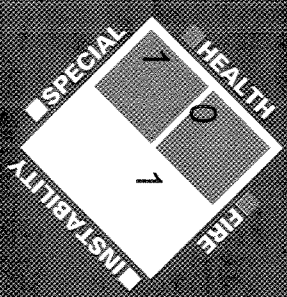
Signature/ Date: Tonya Cranston 04-07-09
 Created by: Tonya Cranston

Signature/ Date: Teresa Beal 4-8-09
 Reviewed by

LOT NUMBER : L00.....
PART NUMBER : 56095 P
BAG NUMBER :
EXPIRATION DATE : 18 Months

CHEM+NECT

1 Bag @ 100000 ml
0.1 N Hydrochloric Acid
(CAS No.:7647-01-0; 7732-18-5)



Recommended Storage:
Room Temperature (25°C)
• Not for Human Use •
Laboratory Applications Only

LOT No: L00.....

P/N: 56095 P

Manufacture Date:

UN1789
Hydrochloric Acid
Class 8
PG III
Net: 100L

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