

TETRAMETHYLAMMONIUM HYDROXIDE, 25% AQUEOUS PRODUCT # 322

Description: Aqueous Tetramethylammonium Hydroxide is a colorless to light yellow solution.
Structural Formula: $(\text{CH}_3)_4\text{NOH}$
Formula Weight: 91.15

Specifications		<u>MIN</u>	<u>MAX</u>
	Assay wt. %	24.50	25.00
	CO ₃ (Carbonate) ppm		300
	X (Halide as Chloride, Ion		5
	Chromatography) ppm		-
	Ag (Silver) ppb		50
	Al (Aluminum) ppb		50
	Ca (Calcium) ppb		50
	Co (Cobalt) ppb		50
	Cr (Chromium) ppb		50
	Cu (Copper) ppb		50
	Fe (Iron) ppb		50
	K (Potassium) ppb		50
	Mg (Magnesium) ppb		50
	Na (Sodium) ppb		50
	Ni (Nickel) ppb		50
	Zn (Zinc) ppb		50
	Color (APHA)		10

Physical Properties*		
	Form	Liquid
	Boiling Point, °C	100.0
	Freezing point, °C	<-25.0
	Viscosity@ 25 °C, cst	2.8
	Specific Gravity @ 60 °F	1.022
	Flashpoint (Pensky Martens), °F	>200
	pH	>13
	Odor	Amine

*Results based on actual analysis of product; numbers may vary slightly from lot to lot..

Shipping Information**Containers**

330 gallon polyethylene insert IBC (tote tank)
55 gallon polyethylene drum
Other containers available upon request.
Dip tubes for IBCs and drums are available upon request.

Shipping Classification

Proper shipping name: Tetramethylammonium hydroxide solution, 8, UN1835, PGII
Hazard classification: Corrosive
Identification number: UN1835, PG11

Safety and Handling

For specific safety and handling information please refer to the Material Safety Data Sheet which is available upon request.

Chemical Registration Numbers

CAS 75-59-2
EINECS 200-882-9
NIOSH/RTECS PA0875000