

**Urea, Crystals, Reagent, A.C.S.**

NH <sub>2</sub> CONH <sub>2</sub>				FW 60.06
CAS: 57-13-6				
96238-300	500 g	28.05	6X500 g	134.64
96238-380	2 kg	78.07	6X2 kg	374.41
96238-760	25 kg	394.99		

**A.C.S. Specifications**

Assay (NH <sub>2</sub> CONH <sub>2</sub> )	99.0 - 100.5%
Melting point	132 - 135° C
Insoluble matter	.01% max.
Residue after ignition	.01% max.
Chloride (Cl)	.5 ppm max.
Sulfate (SO <sub>4</sub> )	.001% max.
Heavy metals (as Pb)	.001% max.
Iron (Fe)	.001% max.

**Urease, Powder**

CAS: 9002-13-5		
96370-080	25 g	151.58

**Water, Accusolv**

Suitable for HPLC, Chromatography and Spectrophotometry

H <sub>2</sub> O				FW 18.02
CAS: 7732-18-5				
96860-540	4 L	47.34	4X4 L	126.22

Actual lot analysis on the label

**Specifications**

Wavelength	UV Absorbance
	(1 cm Cell vs Water)
(nm)	Maximum Absorbance
190	0.010
200	0.010
250	0.005
300	0.005
400	0.005

Residue after evaporation	.1 mg/L max.
Specific conductance @ 25°C	1.5 µmhos/cm max.
Silicates (as SiO <sub>2</sub> )	.01 mg/L max.
Heavy metals (as Pb)	.01 mg/L max.
Substances reducing Permanganate	.P.T.
Filtered through a 0.2µm filter	

**Water, Purified, Reagent**

Suitable for use in procedures requiring maximum accuracy, precision and purity.

H <sub>2</sub> O				FW 18.02
CAS: 7732-18-5				
96882-540	4 L	41.61	4X4 L	141.45
96882-700	20 L	80.30		
96882-940	200 L	516.33		

**Specifications**

pH of a 5% solution @ 25°C	5.0 - 7.0
Ammonia (NH <sub>3</sub> )	.03 ppm max.
Calcium (Ca)	.P.T.
Carbon dioxide	.P.T.
Chloride (Cl)	.05 ppm max.
Sulfate (SO <sub>4</sub> )	.P.T.
Oxidizable Substances	.P.T.
Specifications as per U.S.P.	

**Water, Reagent, A.C.S.**

Suitable for making up reagents or for use in analytical procedures.

H <sub>2</sub> O				FW 18.02
CAS: 7732-18-5				
96868-540	4 L	40.02	4X4 L	136.02
96868-700	20 L	76.06		
96868-940	200 L	494.67		

**A.C.S. Specifications**

Specific conductance @ 25°C	2.0 µmhos/cm max.
Silicate (as SiO <sub>2</sub> )	.01 ppm max.
Heavy metals (as Pb)	.01 ppm max.
Substances reducing Permanganate	.P.T.
Chloride (Cl)	.04 ppm max.
Nitrate (NO <sub>3</sub> )	.04% max.
Phosphate (PO <sub>4</sub> )	1.0 ppm max.
Sulfate (SO <sub>4</sub> )	1.0 ppm max.