

# Product Specification

## Synthetic Urine Concentrate

**Lot Number:** SAMPLE**Product Number:** 8362**Manufacture Date:** N/A**Expiration Date:** N/A

Dilute 1 volume of this concentrate with 9 volumes of purified Water before use.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Urea	57-13-6	Technical
Magnesium Sulfate Heptahydrate	10034-99-8	ACS
Calcium Chloride	10043-52-4	Technical
Sodium Chloride	7647-14-5	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
pH at 25°C	7.80-8.00	N/A	186 & 191
Specific Gravity	1.102-1.122 at 25°C	N/A	

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
8362-5	20 L Cubitainer®	18 months
8362-1	4 L natural poly	18 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."