RICCA CHEMICAL COMPANY®

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Product Specification

Alkaline-Iodide-Azide, Alsterberg Formulation
for Dissolved Oxygen (DO) Analysis

Manufacture Date: N/A

Expiration Date: N/A

Lot Number: SAMPLE   **Product Number:** 540

This solution is intended for use with samples with normal (saturated or subsaturated) Dissolved Oxygen content.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	Reagent
Sodium Azide	26628-22-8	Reagent
Potassium Iodide	7681-11-0	ACS

Test	Specification	Result
Appearance	Colorless liquid	N/A
Free Iodine	To Pass Test	N/A

Specification	Reference
Alkaline Iodide-Sodium Azide Solution I	ASTM (D 888)
Alkali-Iodide-Azide Reagent, for saturated or less-than-saturated samples	APHA (4500-O D)
Alkali-Iodide-Azide Reagent, for saturated or less-than-saturated samples	APHA (4500-O E)
Alkali-Iodide-Azide Reagent, for saturated or less-than-saturated samples	APHA (4500-O F)
Alkali-Iodide-Azide Reagent, for saturated or less-than-saturated samples	APHA (4500-O C)
Alkaline Iodide-Azide Solution	EPA (360.2)

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)
540-32	1 L natural poly	24 months
540-1	4 L natural poly	24 months
540-16	500 mL natural poly	24 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."