

ADVANCED INSTRUMENTS

Osmometer Standards



REF	3LA010	One 110mL bottle of 100 mOsm/kg H ₂ O
	3LA050	One 110mL bottle of 500 mOsm/kg H ₂ O
	3LA090	One 110mL bottle of 900 mOsm/kg H ₂ O
	3LA150	One 110mL bottle of 1500 mOsm/kg H ₂ O

INTENDED USE

For *In Vitro* Diagnostic Use

Osmometer standards are used to calibrate and/or check the performance of your osmometer. These standards should only be used in accordance with the osmometer that is being calibrated. Refer to the instrument User's Guide for calibration instructions.

INGREDIENTS

These standards are prepared from salts. 2-Hydroxybiphenyl Sodium Salt Tetrahydrate, 0.01%, is added as a preservative. The constituents are adjusted to the levels listed under **Expected Value**.

INSTRUCTIONS FOR USE

1. Keep tightly covered at all times.
2. Do not pipette directly from bottle. Pour solution into another container for use. Do not return surplus to bottle.
3. Obtain samples with clean sample tips. The sample size will be based on the osmometer that is being used. Refer to User's Guide for more information about sample size and testing procedure.

STORAGE AND HANDLING

- Do not use a bottle that is less than ¼ full.
- Do not freeze.

	Storage	Stability
Unopened	2 - 30°C (36 - 86°F)	Refer to expiration date stamped on bottle

LIMITATIONS

If there is visible evidence of microbial growth in the bottles, do not use the calibration standards. Erroneous results can occur from adverse shipping and/or storage conditions, use of expired materials, or sample handling errors.

EXPECTED VALUES AND EXPECTED RANGES

The table below lists the nominal values and the corresponding expected ranges for the osmometer standards, assuming nominal instrument performance.

INTERPRETATION OF RESULTS

Expected (Target) Value	Expected Range
100 mOsm/kg H ₂ O	98 - 102 mOsm/kg H ₂ O
500 mOsm/kg H ₂ O	497.5 - 502.5 mOsm/kg H ₂ O
900 mOsm/kg H ₂ O	895.5 - 904.5 mOsm/kg H ₂ O
1500 mOsm/kg H ₂ O	1492.5 - 1507.5 mOsm/kg H ₂ O

Osmometer results are evaluated with respect to the total expected range, which combines the effects of the osmometer standard expected range (specified above) and the instrument specifications. Refer to the applicable User's Guide for details. If results fall outside the total expected range, it may indicate unsatisfactory calibration, operator error, contamination of reagents, or faulty performance of equipment.

DISPOSING OF MATERIALS

Handle this product according to established good laboratory practices, using appropriate precautions. Dispose of materials according to your institution's practices. Discard all materials in a safe and acceptable manner that is in compliance with all country, state and local requirements.

FOR SALES AND SERVICE

Contact your Advanced Instruments Distributor.

EC REP EU DIRECTIVE 98/79/EC:

WMDE B.V.
Bergenweg 18
6085 AT Horn
The Netherlands

ADVANCED
INSTRUMENTS

Two Technology Way / 781-320-9000
Norwood, Massachusetts 02062, USA
800-225-4034 Fax: 781-320-8181
aicompanies.com



Consult Instructions for Use
Consulter le mode d'emploi
Bedienungsanleitung lesen
Consulte las instrucciones de uso
Consulte as Instruções de Utilização
Leggere le istruzioni per l'uso
Läs bruksanvisningarna
Läs Brugsanvisningen
Συμβουλευτείτε τις Οδηγίες Χρήσης
Viz. pokyny
Vid' pokyny

IVD

For In Vitro Diagnostic Use
 Pour un diagnostic in vitro
 Zur In-vitro-Diagnose
 Para diagnósticos in vitro
 Para uso diagnóstico in vitro
 Da utilizzarsi per diagnostica in vitro
 För in vitro-diagnostik
 Til diagnostisk brug in vitro
 Για διάγνωση In Vitro
 Pro in vitro diagnostické použití
 Pre in vitro diagnostické použitie

REF

Catalog Number
 Référence
 Best.-Nr.
 Número de catálogo
 Número de Catálogo
 Numero catalogo
 Katalognummer
 Katalognummer
 Αριθμός Καταλόγου
 Číslo dílu
 Číslo dielu

LOT

Lot Number
 Numéro de lot
 Losnummer
 Número de lote
 Número do Lote
 Numero lotto
 Partnummer
 Lotnr.
 Αριθμός -αρτίδας
 Číslo šarže
 Číslo šarže

CE

European Conformity
 Conformité européenne
 Konformität mit EU-Normen
 Conformidade europea
 Conformidade com as directrizes europeias
 Conformità europea
 Uppfyllelse av europeiska krav
 Europæisk konformitet
 Ευρωπαϊκή Συμμόρφωση
 Evropská shoda
 Európska zhoda



Temperature Limit
 Limite de température
 Temperaturgrenze
 Limite de temperatura
 Limite de temperatura
 Limite di temperatura
 Temperaturgräns
 Temperaturgrænse
 Όριο Θερμοκρασίας
 Teplotní limit
 Teplotný limit

EC REP

Authorized Representative
 Représentant autorisé
 Autorisierter Vertreter
 Representante autorizado
 Representante Autorizado
 Rappresentante autorizzato
 Auktoriserad representant
 Autoriseret repræsentant
 Εξουσιοδοτημένος Αντιπρόσωπος
 Zplnomocnený zástupce
 Splnomocnený zástupca



Use By
 Date limite de conservation
 Verfalldatum
 Fecha de vencimiento
 Utilizar até
 Scadenza
 Använd senast
 Anvendes inden
 Χρήση Έως
 Použitelné do; Expirační doba
 Použitelné do; doba platnosti



Manufacturer
 Fabricant
 Hersteller
 Fabricante
 Fabricante
 Fabricante
 Tillverkare
 Producent
 Κατασκευαστής
 Výrobce
 Výrobca

Language	Download Instructions
English	This Instruction For Use (IFU) is available in multiple languages at http://www.aicompanies.com/productinserts . Select 3LAP10.
Deutsch	Diese Gebrauchsanweisung ist in mehreren Sprachen verfügbar unter http://www.aicompanies.com/productinserts . Wählen Sie 3LAP10.
Français	Ce mode d'emploi est disponible en plusieurs langues sur le site http://www.aicompanies.com/productinserts . Sélectionnez 3LAP10.
Ελληνικά	Αυτός ο Οδηγός Χρήσης διατίθεται σε πολλαπλές γλώσσες στην ιστοσελίδα http://www.aicompanies.com/productinserts . Επιλέξτε το 3LAP10.
Dansk	Denne brugsanvisning (IFU) findes på mange sprog på http://www.aicompanies.com/productinserts . Vælg 3LAP10.
Svenska	Denna bruksanvisning (IFU, Instructions For Use) finns tillgänglig på flera språk på http://www.aicompanies.com/productinserts . Välj 3LAP10.
Italiano	Queste Istruzioni per l'uso (IFU) sono disponibili in svariate lingue presso il sito http://www.aicompanies.com/productinserts . Selezionare 3LAP10.
Español	Estas Instrucciones de uso (IFU) están disponibles en varios idiomas en http://www.aicompanies.com/productinserts . Seleccione 3LAP10.
Português	Estas Instruções de Utilização (IdU) estão disponíveis em vários idiomas em http://www.aicompanies.com/productinserts . Seleccione 3LAP10.
Česky	Tento návod k použití (Instruction For Use - IFU) je k dispozici ve více jazycích na stránkách http://www.aicompanies.com/productinserts . Zvolte 3LAP10.
Slovensky	Tento návod na použitie (Instruction For Use - IFU) je k dispozícii vo viacerých jazykoch na stránkach http://www.aicompanies.com/productinserts . Zvoľte 3LAP10.