



Advanced Electrophoresis Solutions Ltd.

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **AES IEF Reference Standard pl 4.50**  
Part Number: 100240  
Manufacturer: Advanced Electrophoresis Solutions Ltd.  
Address: 380 Jamieson Parkway, Cambridge, ON N3C 4N4, Canada  
Support Email: support@aeslifesciences.com  
Business Phone: (519) 653-6888 Fax: (519) 804-4266

### 2. COMPOSITION / INFORMATION ON INGREDIENT

Ingredients	C.A.S.No.	% by Wt
DI H <sub>2</sub> O	7732-18-5	99.1-99.9
Proprietary pl 4.50	NA	0.1-0.9

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

The product, which is mostly DI water, does not meet the criteria of EU, OSHA, or WHMIS as a hazardous material.

### 4. FIRST AID MEASURES

#### EYE CONTACT

Immediately flush with large amounts of water.

#### SKIN CONTACT

Immediately flush with large amounts of water.

#### IF SWALLOWED

Immediately give the victim a glass of water.

### 5. FIRE FIGHTING MEASURES

Not applicable.

### 6. ACCIDENTAL RELEASE MEASURES

Clean up the spill carefully and place in container suitable for disposal.

### 7. HANDLING AND STORAGE

#### HANDLING:

Do not eat or drink when using the material.

STORAGE: Store tightly closed.

### 8. EXPOSURE CONTROLS / PPE

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

#### GENERAL HYGIENE MEASURES

Wash hands thoroughly after handling.

### 9. STABILITY AND REACTIVITY

No odor water solution. Stable at room temperature.

### 10. TOXICOLOGICAL INFORMATION

#### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Ingestion: May be harmful if swallowed.

#### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

### 11. ECOLOGICAL INFORMATION

Not determined.

### 12. DISPOSAL CONSIDERATIONS

Observe all federal, state, and local environmental regulations.

### 13. TRANSPORT INFORMATION

Not regulated per U.S. DOT, IATA, or IMO.

### 14. REGULATORY INFORMATION

#### UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

#### CANADA REGULATORY INFORMATION

WHMIS Classification: Not applicable.

The proprietary ingredient is below OSHA or WHMIS 1.0% (w/w) hazardous chemicals criteria that required for reporting.

### 15. OTHER INFORMATION

#### DISCLAIMER

For R&D use only. Not for drug, household or other uses.

#### WARRANTY

This information is based on our present knowledge, and is believed to be correct. It shall be used only as a guide, but shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Advanced Electrophoresis Solutions Ltd., shall not be held liable for any damage resulting from handling or from contact with the above product.