

## SAFETY DATA SHEET

according to 29CFR1910.1200 (OSHA HCS)

**Preparation/Revision Date:** 2025-04-16  
**Revision** 001

### SECTION 1 – IDENTIFICATION

**Supplier:**

Aalto Scientific, Ltd.  
230 Technology Parkway  
Eatonton, GA 31024  
U.S.

**Product name:** Linearity FD General Chemistry Panel 3 for Abbott Systems  
**Product code:** K942M-5  
**Pure substance/preparation:** Preparation  
**Intended Use:** For In Vitro Diagnostic use only.

**Customer service telephone:** (760) 431-7922  
**Email:** ehs@aaltoscientific.com

**Emergency telephone number:** 1-800-748-6674

### SECTION 2 - HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Reproductive toxicity (Category 1B)

Once diluted, as it is intended to be used, this product does not meet the criteria for classification in accordance with 29CFR1910.1200 (OSHA HCS).

## 2.2 GHS label elements, including precautionary statements

Hazard pictogram(s)



Signal word(s)

Danger

Hazard statement(s)

May damage fertility or the unborn child.

Precautionary statement(s)

**Prevention:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

IF exposed or concerned: Get medical advice/ attention.

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

## 2.3 Other hazard information

Some components of this kit contain human and/or animal blood derivatives. No known test method can offer complete assurance that products derived from human and/or animal blood will not transmit infectious agents. Therefore, this material should be considered potentially infectious. Contains materials that could be toxic in large doses.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier (CAS-No.)	Classification	Concentration (%w)
Kanamycin sulfate	70560-51-9	Repr. 1B; H360	0.01 – 0.5%

For full hazard and supplemental hazard statements refer to Section 16 of this SDS.

## SECTION 4 – FIRST-AID MEASURES

#### 4.1 Description of first aid measures

##### General advice

Seek medical advice/attention if you feel unwell.

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### In case of skin contact

After eye contact: rinse out with plenty of water. Immediately call in ophthalmologist.

Remove contact lenses.

May cause slight skin irritation. If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash off immediately with soap and plenty of water.

##### If swallowed

After swallowing: make victim drink water (two glasses at most), avoid vomiting (risk of perforation). Call a physician immediately. Do not attempt to neutralize.

#### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see Section 2.2) and/or Section 11 of this SDS.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5 – FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Use any extinguishing media which is suitable for the surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	None.
<b>Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:</b>	None reasonably foreseeable.
<b>Combustion products or resulting gases:</b>	None.
<b>Special protective equipment for firefighters:</b>	Wear self-contained breathing apparatus and protective suit.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear suitable gloves and eye/face protection.
<b>Environmental precautions:</b>	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

**Methods for cleaning up:** Wipe up with absorbent material (e.g. cloth, fleece). Clean with disinfectants. Clean contaminated surface thoroughly.

## SECTION 7 – HANDLING AND STORAGE

### Handling:

Technical measures/precautions: Wear protective safety glasses, gloves and clothing.  
Safe handling advice: Always replace cap after use. Wear disposable gloves while handling reagents. Thoroughly wash hands afterwards.

### Storage:

Technical measures/storage conditions: Store opened and unopened containers in accordance with COA or package insert.  
Incompatible products: Keep away from sources of ignition.

Specific use(s): In vitro diagnostic use only.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters: Contains no substances with occupational exposure limit values.

### Exposure controls / personal protection

**Engineering controls:** Ensure adequate ventilation.  
**Respiratory protection:** None required.  
**Hand protection:** Wear disposable gloves while handling. Thoroughly wash hands afterwards.  
**Eye protection:** Wear eye/face protection  
**Skin and body protection:** Wear suitable protective clothing. Wear suitable gloves and eye/face protection.  
**Environmental exposure controls:** No information available.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Freeze-dried powder.	<b>Vapor Pressure:</b>	No information available.
<b>Appearance:</b>	No information available.	<b>Specific gravity:</b>	No information available.
<b>Color:</b>	No information available.	<b>Density (20/4):</b>	No information available.
<b>Odor:</b>	No information available.	<b>Water solubility:</b>	No information available.

<b>Flash Point:</b>	No information available.	<b>Solubility in other solvents:</b>	No information available.
<b>pH:</b>	Neutral.	<b>Partition coefficient:</b>	No information available.
<b>Flammability (solid, gas):</b>	No information available.	<b>Viscosity:</b>	No information available.
<b>Explosive properties:</b>	No information available.	<b>Vapor density:</b>	No information available.
<b>Oxidizing properties:</b>	No information available.	<b>Evaporation rate:</b>	No information available.
<b>Autoignition temperature:</b>	No information available.	<b>Fat solubility (g/l)</b>	No information available.
<b>Miscibility:</b>	No information available.	<b>Gas group:</b>	No information available.
<b>Volume resistivity:</b>	No information available.		

## SECTION 10 – STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Materials to avoid:</b>	No information available.
<b>Conditions to avoid:</b>	Keep away from heat and sources of ignition.
<b>Hazardous polymerisation:</b>	No information available.
<b>Possibility of hazardous reactions:</b>	No information available.
<b>Hazardous incompatibilities/decomposition products:</b>	No information available.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<b>Primary routes of exposure:</b>	The most likely routes of exposure are skin and eye contact and inhalation.
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### Kanamycin sulfate (CAS No. 70560-51-9)

<b>Acute toxicity:</b>	Oral: No data available Inhalation: No data available Dermal: No data available No data available
<b>Skin corrosion/irritation:</b>	No data available.
<b>Serious eye damage/irritation:</b>	No data available.
<b>Respiratory or skin sensitization:</b>	No data available.
<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	IARC: NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Additional information on other hazards:

Aminoglycosides are associated with significant nephrotoxicity and/or ototoxicity.

Stomach - Irregularities - Based on Human Evidence

## SECTION 12 – ECOLOGICAL INFORMATION

No additional information provided.

## SECTION 13– DISPOSAL CONSIDERATIONS

**Waste from residues/unused products:**

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

**Contaminated packaging:**

Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.

## SECTION 14 – TRANSPORT INFORMATION

No additional information provided.

## SECTION 15– REGULATORY INFORMATION

No additional information provided.

## SECTION 16 – OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of preparation of SDS or last change to it:**

See page 1 for the preparation/revision date.

**Restrictions on use:**

This product is not for human consumption. In vitro diagnostic use only.

**Full text of H-Statements referred to under sections 2 and 3**

Repr. 1B	Reproductive toxicity Category 1B
H360	May damage fertility or the unborn child.

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**End of Safety Data Sheet**