Product Code: DexMono001
Raw Material Full Name: Dextrose Monohydrate
Raw Material Full Botanical/Chemical/Latin/Trade Name/Synonyms: Alpha-D-Glucose Monohydrate
Limit/Range/Specification: Dextrose Content Min 99%
CAS Number: 5996-10-1
Molecular Formula for the raw material: C6H12O6. H2O
Average Molecular weight: 198.18
Identification: Conforms
pH: 4 – 6.5
Particle Size: 40 – 100 Mesh
Specific Rotation: + 52 – +53.5
Water Content: Max 10%
Residue on Ignition: Max 0.10%
Country of Origin: China
Country of Origin of the Manufacture: China
Base Source/Start Material: Corn Starch
Origin of Product – Synthetic, Plant, Mineral, Animal, Fish or Fermented: Plant
Material is: 100%
Compound Ingredients: None
Shelf Life from Date of Manufacture: 2 Years
Storage Conditions: This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight
Appearance: Free Flowing Crystals/Crystalline Powder
Colour: White/Off White
Flavour/Taste: Characteristic
Odour: Characteristic

**Microbiological Test**
Total Viable Count: Max 1,000cfu/g
Yeast & Moulds: Max 100cfu/g
E.Coli: Negative
Salmonella: Negative

**Metals**

Heavy Metals: Max 20ppm
Lead (Pb): Max 3ppm
Chloride (Cl): Max 0.01ppm
Copper (Cu): Max 5ppm
Arsenic (As): Max 1ppm

There are no nuts in this recipe and are no nuts on site, however we cannot guarantee that the raw materials entering the site are nut free.
CONFIRMATION OF BSE/TSE STATUS
This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.
This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.

CONFIRMATION OF GM STATUS
This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/EC.

CONFIRMATION OF NON IRRADIATION STATUS
This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives 1999/2/EC and 1000/3/EC.

CONFIRMATION OF NANDROLONE STATUS
This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.

CONFIRMATION OF IOC PRODUCT STATUS
This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee).

CONFIRMATION OF ANIMAL TESTING STATUS
This is to certify that all the products sold by LFA Machines Oxford Ltd have not been tested on animals in any part of its manufacture in accordance with regulation 86/609/EEC.

CONFIRMATION OF PESTICIDES STATUS
This is to certify that the above-mentioned product complies with the regulation (EC) No.396/2005 of 23rd February 2005 and commission Regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.
MATERIAL SAFETY DATA SHEET

Section 1 Description
Product Name: Dextrose Monohydrate
Product Code: DexMono001
Supplier:
LFA Machines Oxford Ltd,
Unit 4b, 26-27 Murdock Road,
Bicester,
Oxfordshire,
OX26 4PP
United Kingdom
Tel: +44 (0) 1869 250 234

Section 2 Ingredients/Identity Information
Components: Di calcium Phosphate
% in Product: 100
CAS Number: 5996-10-1
Formula: C6H12O6. H2O
EINECS Number: N/A

Section 3 Hazards identification
As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
SAF-T-DATA (tm) Ratings (provided here for your convenience)
Health – 0. Flammability – 1. Reactivity – 1. Contact – 0.
Lab Protective Equip: Goggles, lab coat, gloves.
Potential Health Effects
Inhalation: Not expected to be a health hazard.
Ingestion: Extremely large oral dosages may produce gastrointestinal disturbance.
Skin: No adverse effects.
Eyes: No adverse effects expected but dust may cause mechanical irritation.
Chronic Exposure: No information found.
Section 4 Emergency and First Aid Procedures
Eyes: If symptoms develop, immediately move individual away from exposure and into fresh air. Rinse with plenty of water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash with soap and copious amounts of water.

Inhalation: Immediate first aid is not likely to be required. If symptoms develop, remove to fresh air. If breathing is difficult, seek medical assistance.

Section 5 Fire and Hazard Data
Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Fire Fighting Media & Instructions
SMALL FIRE: Use extinguishing media most appropriate for the surrounding fire. Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Dike area to prevent run off and contamination of water sources.

LARGE FIRE: Use extinguishing media most appropriate for the surrounding fire. Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Dike area to prevent run off and contamination of water sources.

Section 6 Accidental release measures
Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8. Spills: Sweep up and hold in suitable container for disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Section 7 Storage
Keep in a tightly closed container, store in a cool dry ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when emptied since they retain product residues, observe all warnings and precautions listed for the product.
Section 8 Control Methods/Personal Protection

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure.

Personal Protective Equipment:
Eyes: Wear approWear safety glasses in compliance with OSHA regulations.
Skin: Wear appropriate protective gloves to prevent skin contact.
Clothing: Avoid contact and prolonged or repeated exposure. Wear resistant gloves. Wash thoroughly after handling. Protective clothing recommended.
Respirators: Avoid inhalation. 3M Dust respirator No. 8710 or 9900 is recommended, or a NIOSH/MSHA jointly approved dust respirator.

Section 9 Physical and Chemical Properties
Physical state: Free flowing crystals/crystalline powder.
Colour: White to off white
Odour: Characteristic

Section 10 Stability and Reactivity
Chemical Stability: Stable under conditions mentioned in section 7.
Conditions to Avoid: Heat, incompatibility’s.
Hazardous Decomposition Products: Reacts with sodium nitrite plus potassium nitrite, sodium peroxide plus potassium nitrite.
Hazardous Polymerisation: Product will not undergo hazardous polymerisation.

Section 11 Toxicological Information
Acute Toxicity Data:
LD50 (DERM – RAT) 25,800mg/kg
Carcinogenicity:
NTP: NO
IARC: NO
ZLIST: NO
See Registry of Toxic Effects of Chemical Substances (RTECS) for complete information.
Skin Contact: May cause skin irritation and drying of the skin.
Eye Contact: May cause eye irritation.
Inhalation: May cause irritation to the upper respiratory tract.
Ingestion: May be harmful if swallowed in large amounts.

**Section 12 Ecological Information**
Ecotoxicity: Not available / Do not enter into drains.
Air pollution: Observe local/national regulations.

**Section 13 Disposal Considerations**
Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**Section 14 Transport Information**
Transport classification: Not classified as dangerous for any mode of UK or International transport.

**Section 15 Regulatory Information**

**Section 16 Other Information**
This advice is given by LFA Machines Oxford Ltd who accept no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.
Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown.
We confirm that the information above is sourced from the original manufacturers/suppliers Specification.
To be used as per local legislation.