

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

Product Name: **Magnesium chloride hexahydrate**
 Specifications & Purity: for Molecular Biology, ≥99.0%(T)
 SKU #: **M116336**

Parameter	Limit Values
Zinc(Zn)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
pH	5-7.5
Molybdenum(Mo)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Sulfate(SO42-)	0-50 (ppm)
Copper(Cu)	0-5 (ppm)
(As)Arsenic	0-0.1 (ppm)
Phosphate(PO4)	0-5 (ppm)
Lithium(Li)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Water by Karl Fischer	51.5-53.5 (%)
Aluminum(Al)	0-5 (ppm)
(Pb)Lead	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
UV Absorbance 260nm	0-0.03
Potassium(K)	0-2000 (ppm)
UV Absorbance 280nm	0-0.025
Sodium(Na)	0-3000 (ppm)
Cadmium(Cd)	0-5 (ppm)
Total Nitrogen	0-0.0002 (%)
Chrome(Cr)	0-5 (ppm)
Calcium(Ca)	0-50 (ppm)
DNases	none detected
Insoluble matter	pass
phosphatases	none detected
proteases	none detected

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Parameter

RNases

Solubility in H₂O , soluble , 1M , 20°C, clear, colorless

X-Ray Diffraction

 λ , 1 M in H₂OPurity(Titration by AgNO₃)**Limit Values**

none detected

pass

Conforms to Structure

Pass

98.5-101.5 (%)

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

Tax ID: 91310000685518645K