

# Specification

Technical Data Sheet

## CAS

7790-32-1

## STORAGE

Ambient

## MOLECULAR WEIGHT

446.17

## PRODUCT

**Magnesium iodate, tetrahydrate**

Product number 90035417

CAS number 7790-32-1

Molecular formula  $\text{Mg}(\text{IO}_3)_2 \cdot 4\text{H}_2\text{O}$ 

Molecular weight 446.17 g/mol

## PARAMETER

## SPECIFICATION

## Appearance

White to like white solid

## Assay

 $\geq 99.9\%$ 

## Conclusion

Up to the standard

## Cadmium (Cd)

 $\leq 1\text{ppm}$ 

## Gallium (Ga)

 $\leq 2\text{ppm}$ 

## Iron (Fe)

 $\leq 8\text{ppm}$ 

## Silicon (Si)

3ppm

## Aluminium (Al)

 $\leq 1\text{ppm}$ 

## Antimony (Sb)

 $\leq 4\text{ppm}$ 

## Chromium (Cr)

 $\leq 1\text{ppm}$ 

## Copper (Cu)

 $\leq 3\text{ppm}$ 

## Lead (Pb)

5ppm

## Manganese (Mn)

 $\leq 10\text{ppm}$ 

## Nickel (Ni)

 $\leq 3\text{ppm}$ 

## Selenium (Se)

 $\leq 3\text{ppm}$ 

## Silver (Ag)

 $\leq 5\text{ppm}$

| PARAMETER          | SPECIFICATION |
|--------------------|---------------|
| <b>Sodium (Na)</b> | ≤20ppm        |
| <b>Tin (Sn)</b>    | ≤2ppm         |
| <b>Zinc (Zn)</b>   | ≤2ppm         |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIFICATION STATEMENT</b> | The values stated above represent the standard specification for this product, issued under <b>Molekula Ltd</b> 's quality management system. Batch-specific results are provided on the Certificate of Analysis. |
| <b>STORAGE</b>                 | Store as indicated on the product label, away from light, moisture and incompatible materials.                                                                                                                    |

**Molekula Ltd** would like to thank you for your support of our products and service.

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