

STRONTIUM SALTS

VARIOUS OPTICAL MATERIALS

Nippon Chemical Industrial Co., Ltd. develops high-purity strontium salts by removing impurities from strontium raw materials abroad by its own refining technology and using the raw materials as starting raw materials. The strontium salts of the company are suppressed in the content of Fe as an impurity at 0.5 ppm or less so that they are suitable as fluorescence and glass materials.

- High-purity Strontium Carbonate

The high-purity strontium carbonate is used as a raw material for fluorescence and electronic materials.

An example of impurity analysis of the high-purity strontium carbonate is as follows:

(in ppm)

Na: 1.3

K: 1 or less

Ca: 40

Mg: 1.3

Ba: 12

Fe: 0.5 or less

Cl: 10 or less

- High-purity Strontium Hydrogenphosphate

The high-purity strontium hydrogenphosphate is used as a raw material for a blue fluorescence among three-band fluorescence .

The impurity level thereof is the same as in the high-purity strontium carbonate.

(Refer to the page for the research theme "strontium hydrogenphosphate")

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