



Product Specification

Product Name: SODIUM FLUORIDE Powder AR

Alternate Name(s)

Description

Clear, lustrous crystals or white powder.

Properties

Chemical Formula:

Molecular Weight: 41.99

Product Code: SA097

CAS No. 7681-49-4

General Information:

Very slightly soluble in alcohol. Incompatible with acids, moisture/water, metals, oxidising agents and glass. Non combustible material.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 1690
Hazchem code: 2Z
CS MSDS Code: 1CHK0
Poison schedule: S6
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.01%
Titration acid	≤ 0.03 meq/g
Titration base	≤ 0.01 meq/g
Chloride (Cl)	≤ 0.003%
Sulfates (SO ₄)	≤ 0.01%
Phosphates (PO ₄)	≤ 0.0005%
Sulfites (SO ₃)	≤ 0.005%
Sodium fluorosilicate (Na ₂ SiF ₆)	≤ 0.1%
Heavy metals (as Pb)	≤ 0.001%
Loss on drying (150°C)	≤ 0.2%
Copper (Cu)	≤ 0.0005%
Iron (Fe)	≤ 0.002%
Lead (Pb)	≤ 0.001%
Potassium (K)	≤ 0.02%

CONFORMS TO ACS

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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