

Specification

Technical Data Sheet

CAS

13721-39-6

STORAGE

Ambient

MOLECULAR WEIGHT

183.91

PRODUCT

Sodium orthovanadate 99.98% trace metals basis

Product number 90034537

CAS number 13721-39-6

Molecular formula Na_3VO_4

Molecular weight 183.91 g/mol

PARAMETER

SPECIFICATION

Appearance

White to off-white powder or chunks

Assay/Purity

 $\geq 99.98\%$ (Based on Trace Metals Analysis)

Cadmium (Cd)

 $\leq 2\text{ppm}$

ICP Major Analysis

Confirms Sodium and Vanadium Components

Iridium (Ir)

 $\leq 21\text{ppm}$

Iron (Fe)

 $\leq 6\text{ppm}$

Lithium (Li)

 $\leq 4\text{ppm}$

Rubidium (Rb)

 $\leq 4\text{ppm}$

Titanium (Ti)

 $\leq 1.5\text{ppm}$ Titration with KMnO_4 (% Vanadium) $\geq 25.0\%$

Aluminium (Al)

 $\leq 3\text{ppm}$

Barium (Ba)

 $\leq 1\text{ppm}$

Calcium (Ca)

 $\leq 4\text{ppm}$

Chromium (Cr)

 $\leq 3\text{ppm}$

Manganese (Mn)

 $\leq 6\text{ppm}$

Potassium (K)

 $\leq 12\text{ppm}$

PARAMETER

SPECIFICATION

Trace Metal Analysis

 $\leq 250.0\text{ppm}$ SPECIFICATION
STATEMENT

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

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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