

## Vanadium Electrolyte Solution 1.6 M

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### Formula

A)  $\text{VOSO}_4$ ; B)  $\text{V}_2(\text{SO}_4)_3$

### Grade

Chemically pure

### Appearance

Blue-green solution

### Application

ENERGY STORAGE

Used for Vanadium-Redox-batteries.

### Packaging

PE canister 60 l

PE container 1000 l

Other packing on request.

ADR/RID, IMDG, ICAO/IATA class 8

UN no. 3264

### Chemical Analysis in wt%

V	5.5 – 6.5
$\text{SO}_4^{2-}$	26 – 30
$\text{PO}_4^{3-}$	0.3 – 0.5
Fe	≤0.030
K	≤0.0040
Na	≤0.0040

Other elements on request.

### Physical Properties

Aqueous solution

V3+	50 – 52 %
V4+	48 – 50 %
	of total Vanadium

Density: 1.3 – 1.4 kg/l

Molecular weight:

A) 163.01 g/mol

B) 390.06 g/mol

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