

**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

PE drums

IBC

Other packing on request.

ADR/RID, IMDG, ICAO/IATA class 6.1  
(class 8)

UN no. 3289

**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

V <sup>3+</sup>	50 – 52 %
V <sup>4+</sup>	48 – 50 % of total Vanadium

Density: 1.3 – 1.4 kg/l

Molecular weight:

A) 163.01 g/mol

B) 390.06 g/mol