

**SPECIFICATION OF
SODIUM METABISULPHITE FOOD GRADE
(OXYVIT® SMBS)**

Date: 02.01.2016

Rev.No: 3/ ENG

<u>DESCRIPTION</u>	: Sodium Metabisulphite
<u>APPEARANCE</u>	: White fine crystalline powder
<u>STRUCTURAL FORMULA</u>	: Na ₂ S ₂ O ₅
<u>EINECS n.</u>	: 231-673-0
<u>CAS n.</u>	: 7681-57-4
<u>Na₂S₂O₅ (%)</u>	: 98 (min.)
<u>SO₂ (%)</u>	: 66 (min.)
<u>pH (10 % solution, w/v)</u>	: 4.0 – 5.0
<u>CHLORIDE (%)</u>	: 0.05 (max.)
<u>REACTION TO Ammonical Silver Nitrate</u>	: To pass test
<u>SOLUBILITY</u>	: Soluble in water
<u>SODIUM THIOSULFATE (%)</u>	: 0.04 (max.)
<u>SODIUM SULFITE (%)</u>	: 0.6 (max.)
<u>HEAVY METALS, Total (ppm)</u>	: 10 (max.)
<u>ARSENIC (ppm)</u>	: -
<u>LEAD (ppm)</u>	: 0.5 (max.)
<u>MERCURY (ppm)</u>	: - (max.)
<u>IRON (ppm)</u>	: 5 (max.)
<u>SELENIUM (ppm)</u>	: 5 (max.)
<u>SCREEN SIZE (% by weight)</u>	
<u>Through 20 mesh</u>	: 99.0 – 100.0
<u>On 40 mesh</u>	: 0.0 – 20.0
<u>Through 100 mesh</u>	: 0.0 -45.0
<u>PACKING</u>	: 25 kg net PP bag, on pallets One shrink wrapped pallet consists of 45 bags (1.125 Kg net) and 49 bags (1.225 Kg net)

“Product supplied to these specifications meets requirement for food additive E223 under EC directive 2008 / 84”