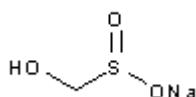
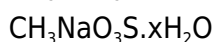
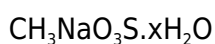




**PRODUCT CODE: 143289**

**Sodium Formaldehyde Sulfoxylate x-hydrate (USP-NF) pure, pharma grade**



M.= 118,09(anh) CAS [149-44-0] EINECS 205-739-4

TARIC 2831 10 00 00

**SYNONYMS:** Formaldehyde Sodium Sulphoxylate, Hydroxymethanesulphinic Acid Sodium Salt, Rongalit

**PHYSICAL DATA:** powder, crystals, Irregular pieces, White, Soluble in water 680 g/l at 20 C

**BIBLIOGRAPHY:** Merck Index **12**, 8.764 13, 8.693 Ullmann (**4.**)21 , 113 · Beilstein **1** , **577 I** , **302 II** , **642 III** ,**2583 IV** , **3052** · BRN 3630814 · USP -**NF 37** ·

**HAZARDOUS:**RTECS: PB 0390000 · LD50 oral mus 4.000 mg/kg ·



H: H341 · H361 ·

P: P201 · P202 · P281 · P308+P313 · P405 · P501 · ·

**SPECIFICATIONS:**

Assay (as SO <sub>2</sub> ) (Iodom.) (calc. a.a.s)	45,5-54,5 %
Identity :	
Identity according to Pharmacopoeias:	passes test
pH sol. 2%	9,5-10,5

**Maximum limit of impurities**

Alkalinity	0,35 meq/g
Insoluble matter in H <sub>2</sub> O	0,05 %
Loss on drying at 105C	27,0%
Sulfide	passes test
Clarity and appearance of solution	passes test
Residual solvents (Ph.Eur/USP)	passes test
Sodium sulphite (as Na <sub>2</sub> SO <sub>3</sub> ) calc. a.a.s.	5,0%

Fe 0,0025 %

## Elemental impurities (ICH Q3D):

## Class 1

Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 ppm
Hg	1,5 ppm

## Class 2A

Co	5 ppm
V	10 ppm
Ni	20 ppm

## Class 2B

Tl	5 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm

## Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm