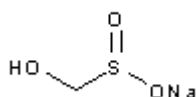
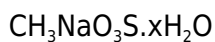
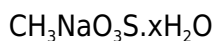


**PRODUCT CODE: 143289****Sodium Formaldehyde Sulfoxylate x-hydrate (USP-NF) pure, pharma grade**

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

H: H335 •

P: P261 • P271 • P304+P340 • P312 • P403+P233 • 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 105°C	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