

March 26, 2014

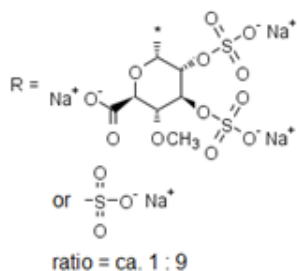
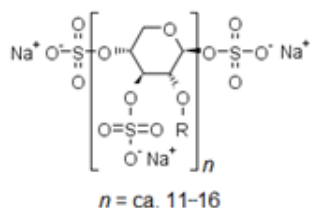
STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN (Z-41)	PENTOSAN POLYSULFATE SODIUM
THERAPEUTIC CLAIM	Treatment of interstitial cystitis Anticoagulant, anti-inflammatory (veterinary product)

DESCRIPTION

A mixture of the sodium salts of linear polymers of (1→4)-β-D-xylopyranan usually sulfated at the 2- and 3-positions and occasionally (approximately 1 in every 10 residues) substituted at the 2-position with a (4-O-methyl-2,3-di-O-sulfonato-β-D-glucopyranosyluronic acid) group; the average molecular weight lies between 4000 and 6000 with a total molecular weight range of 1000 to 40000

STRUCTURAL FORMULA



MOLECULAR FORMULA	$(\text{C}_5\text{H}_6\text{Na}_2\text{O}_{10}\text{S}_2)_n (\text{C}_7\text{H}_8\text{Na}_2\text{O}_9\text{S})_{0.1n} (\text{Na}_2\text{O}_7\text{S}_2)$, average $n = \text{ca } 11 \text{ to } 16$
MOLECULAR WEIGHT	4000-6000 average
TRADEMARK	Unknown as yet
APPLICANT	BeneArzneimittel GmbH

CODE DESIGNATIONS	SP54;PZ68
CAS REGISTRY NUMBER	11601-96-8
WHO NUMBER	6311
UNII	914032762Y

NOTE: The chemical description for pentosan polysulfate sodium has been revised; The adoption R14/27 replaces adoption N87/87. N/87/87 is hereby rescinded.

R14/27

SCS