

# CHROMOGENS BY

# SORACHIM

## Arsenazo III

### ARS-100

#### SPECIFICATIONS

CAS:	1668-00-4
Molecular weight:	776.37
Formula:	$C_{22}H_{18}As_2N_4O_{14}S_2$
Appearance:	Deep brown powder
Assay (HPLC):	> 85 %
Sulphated ash:	< 0.2 %
Loss on drying (120°C):	< 8 %
Specific extinction (1%/1cm):	300 – 450
Maximum of absorption (in water):	535 – 543
Specific extinction (1%/1cm):	300 – 450
Max. of absorption (in buffer pH 10):	571 – 576
Pb:	< 10 ppm
Ca:	< 100 ppm
Cr:	< 50 ppm
Cd:	< 50 ppm
Fe:	< 100 ppm
Cu:	< 50 ppm
Storage:	Room Temperature
Stability:	At least 2 years at R.T