

Specification

158290 Arsenazo III free acid high grade

CAS	Formula	Molweight
1668-00-4	C ₂₂ H ₁₈ As ₂ N ₄ O ₁₄ S ₂	776,37

Parameter	Specification
Assay (HPLC)	min. 85.0 A%
Assay (HPLC, against standard)	min. 85.0 %
Sulphated ash	max. 0.2 %
Loss on Drying (120°C)	max. 8.0 %
Specific Extinction (1%/1cm, in Water)	300.0 - 450.0
Maximum of Absorption (in Water)	535.0 - 543.0 nm
Specific Extinction (1%/1cm, in buffer pH-10)	300.0 - 450.0
Maximum of Absorption (in buffer pH-10)	571.0 - 576.0 nm
Lead (Pb)	max. 10 ppm
Cadmium (Cd)	max. 50 ppm
Calcium (Ca)	max. 100 ppm
Chromium (Cr)	max. 50 ppm
Iron (Fe)	max. 100 ppm
Copper (Cu)	max. 50 ppm
Magnesium (Mg)	max. 50 ppm
Manganese (Mn)	max. 50 ppm
Nickel (Ni)	max. 50 ppm
Tin (Sn)	max. 50 ppm

Version : 2
Created/amended : 04/05/2017
Page / Pages : 1 / 1

LOBA Feinchemie GmbH
Quality Control

Dr. Sonja Leder