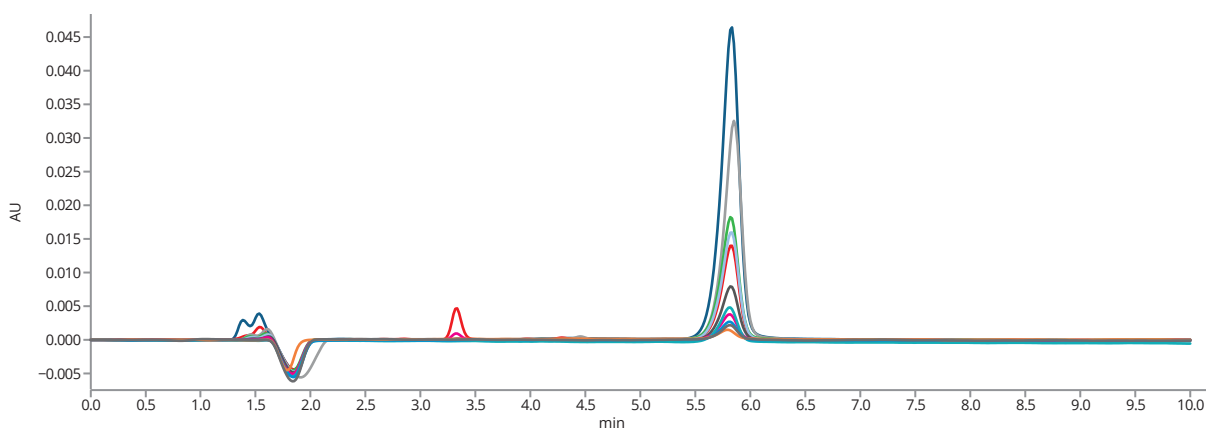


2-Formylbenzenesulfonic acid in Zinc plating baths

Chemical additives are widely used in electroplating technology. This application shows the method of HPLC for determination of 2-formylbenzenesulfonic acid, which is used as additive in Zinc plating baths.

Column	ASTRA® DM, 5 µm
Dimensions	150 mm × 4.6 mm
Part number	AST-5810-LK46
Mobile phase	50% water : 47% ACN : 3% 1 mL/L formic acid Isocratic elution
Flow rate	1 mL/min
Temperature	35 °C
Injection volume	20 µL
Pressure	800 psi
Detection	UV at 215 nm and 254 nm
Analytes	1. 2-formylbenzenesulfonic acid, CAS No. 91-25-8

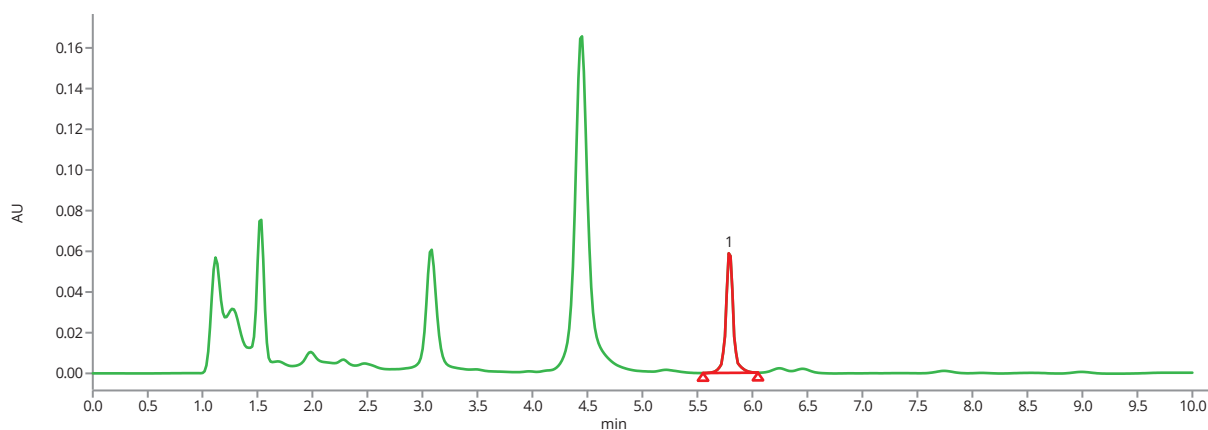


Analysis of standard solution on ASTRA® DM column. RT = 5.8 min

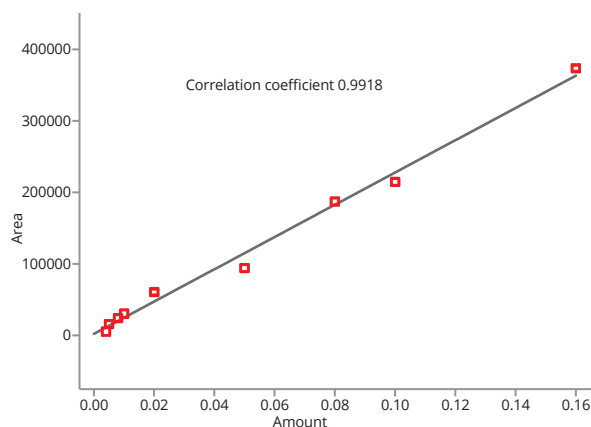
This application was developed by Jana Krejčová, M.Sc., GA
PROFI TREX, s.r.o., Jablonec nad Nisou, The Czech Republic



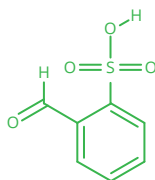
2-Formylbenzenesulfonic acid in Zinc plating baths



Analysis of test solution on ASTRA® DM column (at 254 nm)



Calibration curve of 2-formylbenzenesulfonic acid (2-FBSA)



2-formylbenzenesulfonic acid