



# Certificate of Analysis

1.07998.0025 1,8-Dihydroxy-2-(4-sulfophenylazo)naphthalene-3,6- disulfonic acid  
Batch trisodium salt GR for analysis (reagent for fluoride, zirconium, thorium)  
K53914698

	Spec. Values		Batch Values	
Identity (UV/VIS-Spectrum)	passes test		passes test	
Color change with zirconium	passes test pink - violet		passes test pink - violet	
Absorption maximum $\lambda_{\max}$ (buffer pH 7.0)	505 - 510	nm	505 - 510	nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{\max}$ ; 0.02 g/l; buffer pH 7.0; calc. on dried substance)	400 - 560		560	
Loss on Drying (105 °C)	≤ 10	%	7	%

Date of release (DD.MM.YYYY) 24.11.2021  
Minimum shelf life (DD.MM.YYYY) 30.11.2026

Dr. Michael Memmel  
Responsible laboratory manager quality control

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