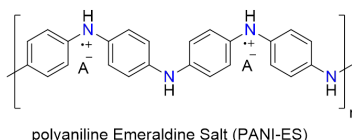




Certificate of Analysis

Structure:



Product Number BM1720
Batch Number M17201702
Product Name polyaniline-dinonylnaphthalenesulfonic acid, 50% solution in toluene

CAS Number 178274-40-3
Molecular Formula (C₆H₅N)_n
Molecular Weight 50000 g / mol

ANALYSIS	SPECIFICATION	RESULTS
Appearance GPC	Dark green to black solution <i>report</i>	Dark green <i>MP = 36266</i>
<i>M_n = 32297</i>		
<i>M_w = 36266</i>		
<i>Poly dispersity = 1.12</i>		
Conductivity <i>(thickness = 7.8 μm)</i>	<i>report</i>	<i>Conductivity (untreated) = 7.45 x 10⁻⁶ S/cm</i>
Notes	<i>Note that the value for concentration includes PANI(DNNSA)0.5 along with excess DNNSA (1.0 eq based on aniline) and residual 2-butoxyethanol.</i>	
Storage Conditions	<i>Store ≤ 25°C</i>	

Prepared by:

Signature

Mousa Asadi

5/01/2018

Print Name

Date

Checked by:

Signature

Justine Walter

23/01/2018

Print Name

Date

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