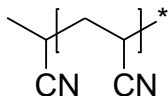


**Sample Name: PolyAcrylonitrile**

**Sample #: P41246B-AN**

**Structure:**



**Composition:**

$M_n \times 10^3$ ACN	Mw/Mn (PDI)
49.0	1.26

**Synthesis Procedure:**

Polymer is prepared by a controlled radical polymerization process.

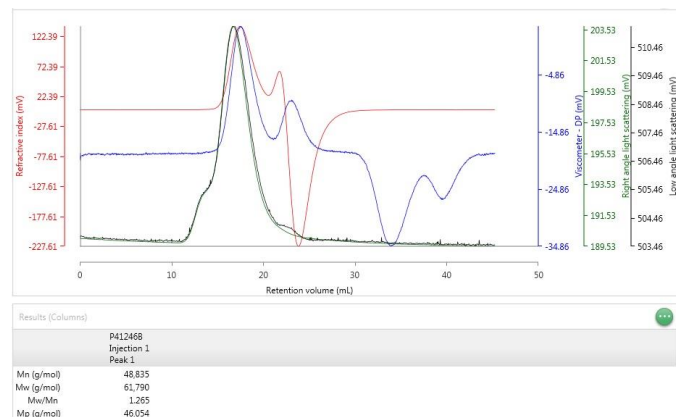
**Characterization:**

The polymer was characterized by  $^1\text{H}$  NMR and size exclusion chromatography (SEC) in DMF.

**Solubility:**

Polymer is soluble in DMF and DMSO. It precipitated in aqueous methanol and/or methanol and hexanes.

**SEC elugram of the Product:**



**$^1\text{H}$  NMR spectrum of the Product:**

