

PRODUCT IDENTITY

PRODUCT NAME	Polyethylenimine hydrochloride	PRODUCT NUMBER	P485511
Grades & Purity	linear, average M_n 10,000, PDI ≤ 1.5	VERSION	3
CAS NUMBER	P485511	FORMULA	$CH_3(NHC_2H_4)_nOH \cdot xHCl$
FORMULA WEIGHT	g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(P485511)	White to Faint Yellow and Faint Beige and Faint Brown Powder or Crystals
NMR Spectrum 1H	Conforms to Structure
Molecular Number by NMR	6000-14000
Chlorine(Titration by $AgNO_3$, After Oxygen Combustion)	38.9-49.5 (%)
PDI by GPC	≤ 1.5