

PRODUCT IDENTITY

PRODUCT NAME	4-(Phenylazo)phenol	PRODUCT NUMBER	P132170
Grades & Purity	≥97%	VERSION	3
CAS NUMBER	1689-82-3	FORMULA	C ₁₂ H ₁₀ N ₂ O
FORMULA WEIGHT	198.23g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC)	97-100 (%)
Nitrogen by Elemental Analysis	13.7-14.5 (%)
Carbon by Elemental Analysis	70.9-74.5 (%)
E(346+/- 3 NM)	≥22000
Melting point	150-157 (°C)
E(236+/- 3 NM)	≥10000
Appearance (p132170)	Yellow to Gold to Dark Yellow-Red Powder
Proton NMR spectrum	Conforms to Structure
Solubility in EtOH , Clear,Dark yellow to orange-brown solution,0.1%	pass
UV-Vis spectrometry(C=0.005 g/L in MeOH,λ _{max} 345-346nm)	Pass