

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ferrocenecarboxylic acid,98%

ITEM NUMBER: F104204  
BRAND: Aladdin  
CAS NUMBER: 1271-42-7  
MDL NUMBER: MFCD00001430  
FORMULA: C<sub>11</sub>H<sub>10</sub>FeO<sub>2</sub>  
MOLECULAR WEIGHT: 230.04

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Yellow,Red or Brown Powder,Crystals and/or chunks		
Melting point	208 ° C	215 ° C	215 ° C
Proton NMR spectrum	Conforms to Structure		
Purity(Titration with NaOH)	97.5 %	102.5 %	102.5 %
Solubility in Ethanol	Dark Yellow,Red or Brown,Clear to Slightly Hazy,5%		