

Certificate of Analysis

Compound Information

Product Name:	Triirondodecacarbonyl
Cat. No.:	1177075
CAS No.:	17685-52-8
Molecular Formula:	$C_{12}Fe_3O_{12}$
Molecular Weight:	503.66
Chemical Structure:	



Batch Information

Batch No.:	Lf1021176654
Storage:	2-8°C, stored under nitrogen
Mfg. Date:	2022-10-21
Retest Date:	2025-10-20
Origin:	Shanghai, China

QC Summary

Appearance:	Brown to black (Solid)
Assay:	95.0%
Al($\omega(B)/10^{-6}$):	98
Ca($\omega(B)/10^{-6}$):	354
Co($\omega(B)/10^{-6}$):	6.39
Cr($\omega(B)/10^{-6}$):	6.02
Cu($\omega(B)/10^{-6}$):	51.7
K($\omega(B)/10^{-6}$):	199
Mg($\omega(B)/10^{-6}$):	21.8
Mn($\omega(B)/10^{-6}$):	600
Mo($\omega(B)/10^{-6}$):	<5.0
Na($\omega(B)/10^{-6}$):	44.8
Ni($\omega(B)/10^{-6}$):	8.86
Pb($\omega(B)/10^{-6}$):	14.5
Zn($\omega(B)/10^{-6}$):	26.0

Conclusion:

The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai