

PRODUCT IDENTITY

PRODUCT NAME	Ferric sesquioxide	PRODUCT NUMBER	F108317
Grades & Purity	AR, ≥99%	VERSION	3
CAS NUMBER	1309-37-1	FORMULA	Fe ₂ O ₃
FORMULA WEIGHT	159.69g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Insiluble matter in hydrochloric	0-0.02 (%)
Heavy metals (as Cu)	0-0.01 (%)
Purity(RT)	99-100 (%)
Solubility in H ₂ O	0-0.1 (%)
Sulfate(SO ₄ ²⁻)	0-0.08 (%)
Total Nitrogen	0-0.005 (%)
Appearance (F108317)	Red to Brown to Red-Brown Powder
ICP: Confirms Iron Component	Confirmed
X-Ray Diffraction	Conforms to Structure
Substances not preci-pitated by ammonium sulfide	0-0.2 (%)