Scapex Exports Pvt. Ltd.
830, 8th Floor, Sun Gravitas, Times of India Road,
Shyamal, Ahmedabad 380015, Gujarat, India
+91 9925522674 · info@scapexexports.com
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

Ir-797 Chloride, (Dye Content 70%)

CAS 110992-55-7 · Fine chemical grade — assay on specification

1. PRODUCT IDENTITY

Product name	Ir-797 Chloride, (Dye Content 70%)
C.A.S. number	110992-55-7
Grade / standard	Fine chemical grade — assay on specification
Description	Crystalline solid — appearance as per specification
Product group	Biological Stains & Indicators
Category	Laboratory & Analytical Reagents
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Crystalline solid — appearance as per specification	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Matter Insoluble in Water	Not more than 0.01 % w/w	0.0048	Gravimetry
5	pH (5 % aqueous solution)	As per specification	7.2	Potentiometry
6	Chloride (Cl)	Not more than 0.001 %	0.00013	Turbidimetry

7	Sulphate (SO4)	Not more than 0.002 %	0.00021	Turbidimetry
8	Iron (Fe)	Not more than 5 ppm	0.85 ppm	ICP-OES
9	Heavy Metals (as Pb)	Not more than 5 ppm	Less than 2 ppm	ICP-OES
10	Moisture	Not more than 1.0 % w/w	0.32	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Ir-797 Chloride, (Dye Content 70%) and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

SCAPEX EXPORTS PVT. LTD.
SCAPEX
QUALITY ASSURED
AHMEDABAD · GUJARAT · INDIA

Scapex Exports Pvt. Ltd. · Ahmedabad, Gujarat, India · info@scapexexports.com · +91 9925522674 — system-generated document, valid without physical signature.