

Metal and Quality LLC
CERTIFICATE OF ANALYSIS
CRM MHCX 02
Ferro-Manganese



INFORMATION

Certified Reference Material of Ferro-Manganese **MHCX02** (Ukrainian Branch Standard Sample GSZU No. 3-181-2010). Produced in conformity to the Certificate No. 27.35.11-163 from 20.01.2010, authorized by the Ministry of Industrial Policy of Ukraine

APPLICABILITY

The CRM MHCX02 is intended for control of measurements errors, calibration of measuring means at definition of chemical compound of Ferro-Manganese

DEVELOPER AND MANUFACTURER

Metal and Quality LLC

CERTIFIED VALUES (BOLD)

Elements	C	S	Mn	Si	P	Fe	Cu	Ni	Al	Ti	Cr	B
Certified value (mass fraction in % by weight)	5.04	0.0033	79.7	4.71	0.50	8.76	0.05	0.08	0.032	0.065	0.08	<i>0.013</i>
Estimate of uncertainty (confidence 0.95)	0.03	0.0003	0.2	0.03	0.01	0.05	0.01	0.02	0.009	0.003	0.01	-

Italics - approximate value

VALIDITY

January 2028

SPECIFICATION

The size of particles is less than 160 micron

DELIVERY

CRM in glass (150 g), packed into a box and the Certificate

DATE OF ISSUE

January 2010

STORAGE and SAFETY

CRM should be kept in a dry room in the closed bottle. The reference material and packing do not contain substances which can directly influence health.

PARTICIPATING LABORATORIES (Ukraine)

OJSC DMKD
OJSC Zaporizhstal
OJSC Dneprospetsstal
Ukrainian Special Steels Institute, SE
OJSC Azovstal
OJSC Nikopol Ferro Alloy Plant
OJSC Alchevsk Iron & Steel Works
OJSC ArcelorMittal Krivy Rig
OJSC Stahanov Ferro Alloys Plant
OJSC Zaporozhye Ferro Alloys Plant

CONTACTS

37 Nezalezhnoi Ukrain Street, Zaporozhye City 69019, Ukraine

Tel/fax: +380 61 717 1800

rm@rm.co.ua

<https://rm.co.ua>

Revised May 2024