



# HUZHOU HUAMAN CHEMICAL INDUSTRY CO.,LTD.

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## Certificate Of Analysis for Production

NO	Products Name	Type	Content of Fe <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub>	Oil Absorbtion ( ml/100g )	Residue on 325Mesh / 45um ( % )	Water Soluble Salts ( % )	Moisture ( % )	pH Value approx	Tamped Apparent Density	Particle Shape	ΔE Compared Vs Standards.	Tinting Strength ( % )
1	Iron Oxide Red	HM101	≥95.5%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.7 ~ 1.1	Spherical	≤1.0	95 ~ 105
2		HM110	≥96.0%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.7 ~ 1.1	Spherical	≤1.0	95 ~ 105
3	Other types including HM7101, HM125, X130, HM130B, 130S, 130P, HM138, HM145, HM146, HM149, HM159, HM182, HM3280, HM485, HM497, HM2530, HM3225, HM4525, HM4530 etc.	HM120	≥96.0%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.7 ~ 1.1	Spherical	≤1.0	95 ~ 105
4		HM130	≥96.5%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.7 ~ 1.1	Spherical	≤1.0	95 ~ 105
5		HM140	≥96.5%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.9 ~ 1.3	Spherical	≤1.0	95 ~ 105
6		HM160	≥97.0%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	1.0 ~ 1.4	Spherical	≤1.0	95 ~ 105
7		HM180	≥98.0%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	1.3 ~ 1.7	Spherical	≤1.0	95 ~ 105
8		HM190	≥98.5%	15 ~ 25	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	1.3 ~ 1.7	Spherical	≤1.0	95 ~ 105
9	Iron Oxide Yellow	HM313	≥86.0%	25 ~ 35	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.4 ~ 0.6	Acicular	≤1.0	95 ~ 105
10		HM585	≥86.0%	25 ~ 35	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.4 ~ 0.8	Acicular	≤1.0	95 ~ 105
11		HM910	≥86.0%	25 ~ 35	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.4 ~ 0.6	Acicular	≤1.0	95 ~ 105
12		HM920	≥86.0%	25 ~ 35	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.3 ~ 0.5	Acicular	≤1.0	95 ~ 105
13	Iron Oxide Orange	HM960	≥90.0%	20 ~ 30	≤0.3%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.7 ~ 1.1	Irregular	≤1.0	95 ~ 105
14		HM2040	≥90.0%	20 ~ 30	≤0.4%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.8 ~ 1.2	Irregular	≤1.0	95 ~ 105
15		HM2334	≥90.0%	20 ~ 30	≤0.4%	≤0.3%	≤1.0%	3.5 ~ 7.5	0.8 ~ 1.2	Irregular	≤1.0	95 ~ 105
16	Iron Oxide Black	HM780	≥95.0%	15 ~ 25	≤0.4%	≤0.5%	≤1.0%	5.0 ~ 8.0	0.9 ~ 1.3	Spherical	≤1.0	95 ~ 105
17		HM722	≥93.0%	15 ~ 25	≤0.4%	≤0.5%	≤1.0%	5.0 ~ 8.0	0.9 ~ 1.3	Spherical	≤1.0	95 ~ 105
18		HM330	≥92.0%	15 ~ 25	≤0.4%	≤0.5%	≤1.0%	5.0 ~ 8.0	0.9 ~ 1.3	Spherical	≤1.0	95 ~ 105
19		HM318	≥93.0%	15 ~ 25	≤0.4%	≤0.5%	≤1.0%	5.0 ~ 8.0	0.8 ~ 1.2	Spherical	≤1.0	95 ~ 105
20	Iron Oxide Brown	HM610	≥90.0%	25 ~ 35	≤0.3%	≤0.5%	≤1.0%	4.0 ~ 7.5	0.7 ~ 1.1	Irregular	≤1.0	95 ~ 105
21		HM650	≥90.0%	20 ~ 30	≤0.4%	≤0.5%	≤1.0%	4.0 ~ 7.5	0.8 ~ 1.2	Irregular	≤1.0	95 ~ 105
22		HM686	≥90.0%	20 ~ 30	≤0.5%	≤0.5%	≤1.0%	4.0 ~ 7.5	0.8 ~ 1.2	Irregular	≤1.0	95 ~ 105
23	Compound Ferric Green	HM835	=====	25 ~ 35	≤0.5%	≤2.0%	≤1.0%	≥ 6.0	0.4 ~ 0.8	Irregular	≤1.0	95 ~ 105
24		HM5605	=====	25 ~ 35	≤0.5%	≤2.0%	≤1.0%	≥ 6.0	0.4 ~ 0.8	Irregular	≤1.0	95 ~ 105

R/M 1. The test methods & standards are referred from the Chinese industry standards of GB1863-89, HG/T 2250-91, HG/T 2249-91 and the International DIN 53193, DIN 53195, DIN EN ISO 787 etc.  
 2. Whilst all reasonable care has been taken in the brochure, the technical data is given in good faith. Our advice is only for your reference, and doesn't release you from the obligation to test and determine the suitability for your processes and applications. The applications and processing of our products manufactured by you are beyond our control and therefore, entirely your own responsibility, no guarantee is given by us.