

Technical Data Sheet

Product name	Zinc Oxide KS-1 ㉮(COSMETIC GRADE)
Chemical Name	Zinc Oxide
INCI Name	Zinc Oxide
CAS No.	1314-13-2
Appearance & Odor	White Powder

Specification

Item	Unit	Limit	Test Method
ZnO (Purity)	wt.%	99.5 Min	KS M 6551 ASTM D 3280
Pb (Lead)	ppm	10 Max	KS M 0032(ICP-AES) ASTM D 4075
Cd (Cadmium)	ppm	5 Max	
As (Arsenic)	ppm	10 Max	
Sb (Antimony)	ppm	10 Max	
Hg (Mercury)	ppm	1 Max	
Moisture (105℃)	wt.%	0.30 Max	KS M 6551 ASTM D 280
Sieve Residue(+ 325Mesh)	wt.%	0.10 Max	KS M 6551 ASTM D 4315
Specific gravity	--	5.47~5.61	KS M 0004 ASTM D 153:84
BET(Specific Surface Area)	m2/g	4.0 ~ 6.0	ISO 9277:2010 ASTM C 1251:95

Remark	KS-1 is used in a wide range of cosmetics and personal care products.	
	<u>Ingredient</u>	<u>% of Product</u>
	ZnO	99.5 Min.

Office	612, Seolleung-ro, Gangnam-gu, Seoul, Korea	
Telephone No.	82-2-3448-3311	
Fax No.	82-2-3448-4264	
Email : jhbaek@hanzinc.com	Web site : www.hanzinc.com	
Factory	37, Gongdan 1-daero, Siheung-si, Gyeonggi-do, Korea	
Telephone No.	82-31-499-8201~6	
Fax No.	82-31-499-8207	
Email : tiptopper39@hanzinc.com	Web site : www.hanzinc.com	

HANIL CHEMICAL IND. CO., LTD.

