

Product Specification

Name : Urea

Another
name :

Grade : Special Grade

Volume : 500g

Specification number : Na-031

Issue number : CAK08

Code number : 21000095

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Crystals or crystalline powder	JIS K8731-2020
2	Appearance (Hue)	-	White	
3	Assay (NH ₂ CONH ₂)	mass %	min. 99.0	
4	Solubility in water	-	Clear	
5	Solubility in ethanol	-	Clear	
6	Melting point	°C	132 ~ 136	
7	Chloride (Cl)	mass %	max. 0.001	
8	Sulfate (SO ₄)	mass %	max. 0.001	
9	Copper (Cu)	mass ppm	max. 2	
10	Iron (Fe)	mass ppm	max. 5	
11	Lead (Pb)	mass ppm	max. 2	
12	Ammonium (NH ₄)	mass %	max. 0.02	
13	Substances reducing Fehling's solution	-	There is no significant difference between the sample solution and the blank solution	
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				

remark

With revision of JIS,etc.a part of the above contents may be updated without prior notification.