

SYSTEM  
Specification

PRODUCT NAME : *di*-Ammonium Hydrogen Phosphate, *ChemAR*<sup>®</sup>  
{Ammonium phosphate dibasic,  
Ammonium biphosphate}  
CATALOGUE NUMBER : AM460-00  
FORMULA :  $(\text{NH}_4)_2\text{HPO}_4$   
MOLECULAR WEIGHT : 132.07  
CAS. NUMBER : [7783-28-0]

IMDG class : UN No : Packaging group :  
**HAZARD STATEMENT:** H  
**PRECAUTIONARY STATEMENT:** P  
**Risiko (Risks):**R  
**Keselamatan (Safety):**S

	<b><u>Specification</u></b>
Assay(acidimetric)	min.98.0 %
pH value (5%; water)	7.8-----8.1
Insoluble matter in water	max.0.003 %
Sulfur compounds(as SO <sub>4</sub> )	max.0.004 %
Chloride(Cl)	max.0.0005 %
Nitrate(NO <sub>3</sub> )	max.0.002 %
Arsenic(As)	max.0.00005%
Copper(Cu)	max.0.001 %
Iron(Fe)	max.0.001 %
Lead(Pb)	max.0.001 %
Nickel(Ni)	max.0.001 %
Potassium(K)	max.0.001 %
Sodium(Na)	max.0.001 %

Confirms to ACS, Reagent.

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