

SYSTEM

Specification

PRODUCT NAME : D(-)-Fructose, *ChemPur*®
CATALOGUE NUMBER : FR225-00
FORMULA : C₆H₁₂O₆
MOLECULAR WEIGHT : 180.16g/mol
CAS. NUMBER : [57-48-7]

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

Specification

*D(-)Fructose exhibits mutarotation
from α 20°/D = -132.2° to
[α] 20°/D = -92.4° at c=4 in water*

Assay(HPLC)	>99.0	%
Identity(IR-spectrum)	passes	test
Spec.rotation(α 20/D; water calculated on anhydrous substance)	-93.5-	-91.0
Heavy metals(as Pb)	<0.001	%
Glucose(HPLC)	<0.5	%
Water	<0.5	%

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