ISO 9001:2008 Co.

Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

D-TYROSINE AR

PRODUCT CODE	**R05575**
SYNONYMS	**(R)-2-Amino-3-(4-hydroxyphenyl)propionic acid, 3-(4-Hydroxyphenyl)-D-alanine**
C.I. NO.	**--**
CASR NO.	**(556-02-5)**
ATOMIC OR MOLECULAR FORMULA	**$C_9H_{11}NO_3$**
ATOMIC OR MOLECULAR WEIGHT	**181.19**
PROPERTIES	**--**
PARAMETER	**LIMIT**
Description	White to off white powder or crystals
Solubility	10% solution in 2N HCl is clear colourless.
Minimum Assay (HPLC, Non-aqueous)	98.5%
Specific rotation $[\alpha]_D^{20}$ (C=4%,1 M HCl)	+10.0- +12.0°
Melting range	298-302 °C
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying	0.3%
Sulphated ash	0.1%
Iron (Fe)	0.001%
Heavy Metals (Pb)	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.
Precautionary statements
Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

IMDG Code : --
UN No. : --
IATA :--

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :

Replace Date 1 April 2023

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